Dolphins Weekly Maths Plan | Week 1 - *31st August – 4th September 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 31 Aug 2025	**Counting to 20**	Children will develop confidence in counting forwards and backwards to 20, and begin to use number words in both English and Hebrew.	**Number Line Hopscotch:** Set up a giant hopscotch with numbers 1–20. Children jump, call out numbers, and fill in missing numbers. Use both English and Hebrew for bilingual reinforcement. Number Hopscotch Activity	**Number Recognition Game:** Children match number cards to sets of objects. Encourage reasoning by asking, "How do you know this is number 7?" Magnetic Fishing Number Game	**Number Puzzles & Matching Games:** Set out number puzzles and matching games in the maths area. Rotate resources to maintain engagement. Hands-on Math Activities	**Number Hunt:** Hide number cards around the playground. Children find and order them, using positional language.	Number line, number cards, objects, string
Monday 1 Sep 2025	**Length (Direct Comparison)**	Children will compare heights and lengths using comparative language ("taller," "shorter," "longer," "shorter") and begin to use measurement tools.	**Height Chart Creation:** Measure each child using string or ribbon, then label a chart with names and heights in English and Hebrew. Discuss "taller" and "shorter." Height Chart Ideas	**Ordering by Size:** Children order number cards and height cards by size/number. Ask, "Who is taller? How do you know?"	**Sorting by Size:** Provide baskets and a variety of objects. Children sort by size and compare, explaining their choices.	**Outdoor Height Station:** Compare heights with friends using a wall chart or marked pole. Use natural objects to measure and compare lengths.	Measuring tape, chart paper, markers, blocks, natural materials
Tuesday 2 Sep 2025	**Counting to 20**	Children will consolidate counting skills and begin to estimate quantities, using reasoning to explain their thinking.	**Interactive Story:** Read a story featuring characters of different heights. Children act out and discuss who is tallest/shortest, linking narrative and maths.	**Estimation Jars:** Fill jars with Israeli snacks (dates, almonds). Children estimate, then count to check. Ask, "How did you make your guess?" Estimation Jars Activity	**Counting Station:** Count and sort natural materials (stones, leaves) into groups. Record counts with tally marks or drawings.	**Nature Walk:** Find and compare natural objects by length (sticks, leaves). Use string or blocks to measure and compare lengths.	Storybook, jars, small objects, natural materials, string
Wednesday 3 Sep 2025	**Length (Direct Comparison)**	Children will use non-standard and standard units to measure length,	**Missing Number Relay:** Teams race to fill in missing numbers on a	**Number Bond Butterflies:** Explore ways to make numbers	**Build Towers:** Children build towers with	**Outdoor Block Building:** Measure and	Number line, number cards,

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
		and develop teamwork and communication skills through collaborative activities.	giant number line, then measure and compare lengths of objects (e.g., ribbons, sticks).	up to 10 using butterfly templates and counters. Model partitioning and encourage different combinations. Number Bonds Activity	blocks and compare heights. Ask, "How many blocks tall is your tower? Who has the tallest?"	compare tower heights using blocks or sticks.	butterfly templates, blocks
Thursday 4 Sep 2025	**Counting to 20 & Length (Direct Comparison)**	Children will combine counting and measurement skills, using comparative language and reasoning to explain their thinking.	**Whole Class Challenge:** Arrange children from shortest to tallest; discuss what we notice. Play a number recognition game using both English and Hebrew.	**Comparing Set Sizes:** Use counters to compare "more," "fewer," "equal." Model comparing and encourage mathematical language.	**Number Hunt & Sorting:** Find and order numbers hidden around the room; sort objects by size. Rotate activities to maintain engagement.	**Outdoor Measurement:** Measure and compare lengths of playground equipment or natural objects. Use standard (rulers) and non-standard (blocks, hands) units.	Counters, blocks, measuring tape, number cards

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Teaching Guidance for Staff:

- **Daily Maths Talk:** Use open-ended questions ("How do you know?" "Can you show me?") to encourage reasoning and discussion.
- **Concrete-Pictorial-Abstract (CPA):** Use real objects before moving to pictures and symbols.
- **Differentiation:** Offer varied challenges and support as needed.
- **Bilingual Reinforcement:** Use both English and Hebrew for number words and instructions.
- **Play-Based Learning:** Embed maths in all areas of provision.
- **Assessment:** Observe and note children's use of mathematical language and reasoning.

Dolphins Weekly Maths Plan | Week 2 – *7th – 11th September 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 7 Sep 2025	**2D Shapes**	Children will name and describe basic 2D shapes (circle, square, triangle, rectangle) and begin to identify these shapes in the environment.	**Shape Hunt:** Lead a whole class shape hunt around the classroom. Children find and name objects shaped like circles, squares, triangles, and rectangles. Use Hebrew and English labels for each shape. Shape Hunt Activity Guide	**Shape Sorting:** Provide a variety of 2D shape cards and objects. Children sort and match shapes, discussing their properties. Shape Sorting Ideas	**Shape Art Station:** Set up an art table with cut-out shapes, glue, and collage materials. Children create pictures using different shapes.	**Outdoor Shape Hunt:** Children find and trace shapes in the playground (e.g., hopscotch squares, round drain covers).	Shape cards, objects, labels, glue, collage materials, chalk
Monday 8 Sep 2025	**Capacity (Non-Standard Units)**	Children will compare the capacities of different containers using non-standard units such as cups or scoops, and use language like “full,” “empty,” “more,” and “less.”	**Capacity Demonstration:** Show children a variety of containers. Demonstrate filling them with cups of water and compare which holds more or less. Discuss the results as a class. Non-Standard Capacity Activities	**Measuring Capacity:** Small groups use cups, scoops, or blocks to fill containers and compare capacities. Record findings on a simple chart.	**Water Play Station:** Set up a water table with containers and scoops. Children explore filling, pouring, and comparing.	**Outdoor Water Station:** Use buckets and cups to compare how much water different containers can hold.	Containers, cups, scoops, blocks, water, chart paper, markers
Tuesday 9 Sep 2025	**2D Shapes**	Children will consolidate their understanding of 2D shapes by creating and describing their own shapes using different materials.	**Shape Creation:** Use craft sticks, pipe cleaners, or string to create shapes. Discuss properties (sides, corners) as a class. Shape Creation Activity	**Shape Puzzles:** Provide shape puzzles or tangram sets. Children fit shapes together and describe what they make. Tangram Puzzle Ideas	**Shape Construction:** Set out pattern blocks or interlocking shapes for free exploration and building.	**Outdoor Shape Construction:** Use large blocks or chalk to create giant shapes on the playground.	Craft sticks, pipe cleaners, string, puzzles, pattern blocks, chalk
Wednesday 10 Sep 2025	**Capacity (Non-Standard Units)**	Children will deepen their understanding of capacity by estimating and measuring using a range of non-standard units.	**Estimation Challenge:** Show a container and ask children to estimate how many scoops/cups it will take to fill it. Test their predictions as a	**Measuring with Different Units:** Children measure the same container using cups,	**Capacity Games:** Set up a “fill the bucket” game where children race to fill	**Outdoor Capacity Scavenger Hunt:** Find containers in the playground and	Containers, scoops, blocks, cups, water

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
			class. Estimation Jar Activity	blocks, or scoops. Compare results and discuss why answers differ. Non-Standard Measurement Ideas	containers using different tools.	estimate/measure their capacity.	
Thursday 11 Sep 2025	**2D Shapes & Capacity (Non-Standard Units) (Review)**	Children will combine knowledge of shapes and capacity, applying both concepts in creative and practical contexts.	**Shape and Capacity Challenge:** Ask children to find or create a shape (e.g., a square tray) and estimate how many scoops of water/sand it will hold. Test and discuss as a class.	**Shape and Capacity Art:** Children create a shape collage, then estimate and measure how many scoops of rice or beans fit inside their creation.	**Integrated Play:** Set up stations where children can build shapes and explore capacity simultaneously (e.g., block building and water play).	**Outdoor Integrated Activity:** Use chalk to draw shapes, then fill them with water or sand and compare capacities.	Shape templates, collage materials, scoops, rice/beans, chalk, water/sand

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use precise mathematical language (e.g., “circle,” “square,” “full,” “empty”) and encourage children to describe their reasoning.
- **Differentiation:** Offer varied challenges (e.g., simple sorting for some, advanced shape puzzles for others).
- **Bilingual Reinforcement:** Use both English and Hebrew for shape names and capacity terms.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children’s ability to name shapes, compare capacities, and use mathematical language during activities.

Dolphins Weekly Maths Plan | Week 3 – *14th – 18th September 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 14 Sep 2025	**Number Recognition (0–20)**	Children will recognize, read, and write numbers from 0 to 20, and match numerals to sets of objects.	**Magnetic Fishing Game:** Introduce a magnetic fishing game where children "fish" for numbered cards and match them to sets of objects (e.g., 5 buttons for the number 5). Use both English and Hebrew number words. Magnetic Fishing Number Game	**Number Matching:** Children match numeral cards to collections of objects (e.g., counters, blocks). Encourage children to count aloud and discuss their reasoning.	**Number Puzzles:** Set out number puzzles and matching games in the maths area. Children work independently or in pairs.	**Outdoor Number Hunt:** Children find and order number cards hidden around the playground.	Magnetic fishing rods, number cards, objects, puzzles
Monday 15 Sep 2025	**Length (Non-Standard Units)**	Children will measure the lengths of classroom objects using hands, blocks, or other non-standard units, and discuss differences in measurement.	**Measuring Objects:** Demonstrate measuring objects (e.g., tables, chairs) using hands, blocks, or feet. Discuss how many units long each object is.	**Measuring Station:** Children measure and record the lengths of various classroom objects using blocks or hands. Encourage discussion and comparison.	**Measuring Play:** Provide rulers, blocks, and measuring tapes for free exploration. Children measure their own creations.	**Outdoor Measuring:** Children use blocks or sticks to measure outdoor equipment (e.g., benches, planters).	Blocks, hands, measuring tapes, charts, markers
Tuesday 16 Sep 2025	**Number Recognition (0–20)**	Children will consolidate number recognition by writing and forming numbers using different materials, and begin to order numbers.	**Number Formation:** Use clay, sand, or finger paint to form numbers. Children practice writing numbers and discuss their shapes. Forming Numbers with Clay	**Number Ordering:** Children order number cards from 0 to 20 and match them to objects. Encourage children to explain their order and reasoning.	**Number Writing Station:** Set up trays with sand, clay, or paint for children to practice forming numbers.	**Outdoor Chalk Numbers:** Children write and trace numbers on the playground with chalk.	Clay, sand, paint, number cards, chalk
Wednesday 17 Sep 2025	**Length (Non-Standard Units)**	Children will deepen their understanding of measurement by estimating lengths	**Estimation Challenge:** Show children an object and ask them to estimate how many blocks or hands long it is.	**Estimation and Measuring:** Children estimate lengths, then measure and	**Measuring Construction:** Children build structures and	**Outdoor Estimation:** Children estimate and measure natural	Blocks, hands, objects, charts, markers

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
		before measuring, and compare results.	Measure together and discuss the results.	record their findings. Compare estimates to actual measurements.	measure their lengths using blocks or hands.	objects (sticks, leaves) using non-standard units.	
Thursday 18 Sep 2025	**Number Recognition (0–20) & Length (Non-Standard Units) (Review)**	Children will combine number recognition and measurement skills, applying both in practical and creative contexts.	**Number and Measurement Challenge:** Ask children to find a number card, then measure an object of their choice using blocks or hands. Record and discuss as a class.	**Integrated Station:** Children match numbers to sets of objects, then measure and compare the lengths of different items.	**Integrated Play:** Set up stations where children can practice number recognition and measurement simultaneously (e.g., measuring numbered objects).	**Outdoor Integrated Activity:** Children find numbers hidden in the playground, then measure nearby objects using non-standard units.	Number cards, blocks, hands, objects, charts

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use precise mathematical language (e.g., “number,” “length,” “longer,” “shorter”) and encourage children to describe their reasoning.
- **Differentiation:** Offer varied challenges (e.g., simple matching for some, advanced ordering for others).
- **Bilingual Reinforcement:** Use both English and Hebrew for number words and measurement terms.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children’s ability to recognize numbers, order them, and use non-standard units for measurement.

Dolphins Weekly Maths Plan | Week 4 – *21st – 25th September 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 21 Sep 2025	**Patterns**	Children will create and continue simple repeating patterns (ABAB), and use pattern language to describe sequences.	**Pattern Creation:** Use seder plate items (e.g., karpas-maror-karpas-maror) to demonstrate repeating patterns. Invite children to continue the sequence and describe it. Pattern Activities for Early Years	**Pattern Cards:** Children use cards with different shapes or objects to create and extend repeating patterns. Encourage children to describe their patterns.	**Pattern Station:** Provide pattern blocks, beads, or colored counters for children to create and continue patterns independently.	**Outdoor Pattern Walk:** Children find and create patterns using natural materials (leaves, stones, sticks).	Seder plate items, pattern cards, blocks, beads, counters, natural materials
Monday 22 Sep 2025	**Weight (Comparison)**	Children will compare the weights of different objects using balance scales, and use language such as "heavier," "lighter," and "the same."	**Balance Scale Demonstration:** Show children how to use a balance scale to compare the weights of objects. Discuss results as a class. Weight Activities for Early Years	**Weighing Station:** Children use balance scales to compare the weights of objects (pinecones, stones, toys). Record findings on a simple chart.	**Weighing Play:** Set up a weighing station with a variety of objects. Children explore and compare weights during free play.	**Outdoor Weighing:** Use natural objects (sticks, stones, leaves) to compare weights using a balance scale.	Balance scales, objects, chart, markers
Tuesday 23 Sep 2025	**Patterns**	Children will consolidate their understanding of repeating patterns by creating their own patterns using different materials and describing them.	**Pattern Art:** Use cut-out shapes or colored paper to create pattern collages. Children describe their patterns to the class. Pattern Collage Ideas	**Pattern Extending:** Provide pattern strips for children to continue using beads, blocks, or stickers.	**Pattern Construction:** Set out pattern blocks, beads, and stickers for free exploration and pattern creation.	**Outdoor Chalk Patterns:** Children draw repeating patterns on the playground with chalk.	Cut-out shapes, colored paper, pattern strips, beads, blocks, stickers, chalk
Wednesday 24 Sep 2025	**Weight (Comparison)**	Children will deepen their understanding of weight by estimating and then measuring the weights of objects,	**Estimation Challenge:** Show children an object and ask them to estimate if it is heavier or lighter than another. Use the balance scale to test their predictions.	**Estimation and Weighing:** Children estimate and then measure the weights of different objects, recording their findings.	**Weighing Play:** Continue to provide a variety of objects and balance scales for exploration.	**Outdoor Estimation:** Children estimate and weigh natural objects, discussing their findings.	Balance scales, objects, chart, markers

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
		and discuss the results.	Estimation and Weight Activities				
Thursday 25 Sep 2025	**Patterns & Weight (Comparison) (Review)**	Children will combine knowledge of patterns and weight, applying both concepts in creative and practical contexts.	**Pattern and Weight Challenge:** Ask children to create a pattern using objects of different weights, then use a balance scale to compare the weights of pattern elements. Combined Pattern and Weight Activity Ideas	**Integrated Station:** Children create patterns with objects, then use a balance scale to compare the weights of their pattern pieces.	**Integrated Play:** Set up stations where children can create patterns and explore weight simultaneously.	**Outdoor Integrated Activity:** Children create patterns with natural objects and compare their weights using a balance scale.	Balance scales, objects, pattern-making materials, chalk

Teaching Guidance for Staff

- **Daily Maths Talk:** Use precise mathematical language (e.g., “pattern,” “repeat,” “heavier,” “lighter”) and encourage children to describe their reasoning.
- **Differentiation:** Offer varied challenges (e.g., simple AB patterns for some, more complex patterns for others).
- **Bilingual Reinforcement:** Use both English and Hebrew for pattern and weight terms.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children’s ability to create and describe patterns, compare weights, and use mathematical language during activities.

Dolphins Weekly Maths Plan | Week 5 – *28th September – 2nd October 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 28 Sep 2025	**Addition (Within 10)**	Children will add numbers within 10 using objects, fingers, and number lines, and begin to record addition problems.	**Bead String Addition:** Use bead strings or counters to model addition problems (e.g., 3 + 4). Children record their answers and discuss strategies. Bead String Addition Activity	**Number Sentence Building:** Children use digit cards and objects to build addition sentences (e.g., 2 + 3 = 5).	**Addition Station:** Set up a table with counters, blocks, and number cards for children to create and solve addition problems independently.	**Outdoor Addition Hunt:** Hide number cards and objects around the playground. Children find pairs and add them together.	Bead strings, counters, digit cards, number cards, objects
Monday 29 Sep 2025	**Length (Standard Units)**	Children will measure and compare lengths using standard units (centimeters), and begin to use rulers.	**Measuring Object Lengths:** Demonstrate measuring classroom objects (e.g., books, pencils) using rulers in centimeters. Discuss results as a class. Measuring with Rulers Guide	**Measuring Station:** Children measure and record the lengths of various objects using rulers. Encourage discussion about which objects are longer/shorter.	**Measuring Play:** Provide rulers and measuring tapes for children to measure their own creations during free play.	**Outdoor Measuring:** Children use rulers to measure outdoor equipment (e.g., benches, planters).	Rulers, measuring tapes, objects, charts, markers
Tuesday 30 Sep 2025	**Addition (Within 10)**	Children will consolidate addition skills by solving simple word problems and explaining their reasoning.	**Addition Story Problems:** Read or tell stories involving addition (e.g., "There are 2 apples and 3 oranges, how many fruits are there?"). Children use objects to solve and discuss. Story-Based Addition Activities	**Addition Word Problems:** Small groups solve word problems using objects and record their answers.	**Addition Role-Play:** Set up a "shop" or "market" where children add items together using play money or objects.	**Outdoor Addition Challenge:** Children collect natural objects (stones, leaves) and add them together in groups.	Storybooks, objects, play money, charts
Wednesday 1 Oct 2025	**Length (Standard Units)**	Children will estimate lengths before measuring and compare their estimates to actual measurements.	**Estimation Challenge:** Show children an object and ask them to estimate its length in centimeters. Measure together and discuss the	**Estimation and Measuring:** Children estimate and then measure the lengths of different objects,	**Measuring Construction:** Children build structures and measure their lengths using rulers.	**Outdoor Estimation:** Children estimate and measure natural objects (sticks, leaves) using rulers.	Rulers, objects, charts, markers

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
			results. Estimation and Measurement Activities	recording their findings on a chart.			
Thursday 2 Oct 2025	**Addition (Within 10) & Length (Standard Units) (Review)**	Children will combine addition and measurement skills, applying both in practical and creative contexts.	**Addition and Measurement Challenge:** Ask children to add two objects together (e.g., 4 blocks + 3 blocks), then measure the total length using a ruler. Discuss as a class. Combined Addition and Measurement Ideas	**Integrated Station:** Children add two sets of objects, then measure the combined length and compare with others.	**Integrated Play:** Set up stations where children can practice addition and measurement simultaneously.	**Outdoor Integrated Activity:** Children add groups of natural objects and measure the total length using rulers.	Objects, rulers, charts, markers

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use precise mathematical language (e.g., “add,” “plus,” “equals,” “longer,” “shorter”) and encourage children to describe their reasoning.
- **Differentiation:** Offer varied challenges (e.g., simple addition for some, word problems for others).
- **Bilingual Reinforcement:** Use both English and Hebrew for number and measurement terms.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children’s ability to solve addition problems, use standard units for measurement, and explain their thinking.

Dolphins Weekly Maths Plan | Week 6 *–5th – 9th October 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 5 Oct 2025	**3D Shapes**	Children will name and describe properties of 3D shapes (cube, sphere, cylinder, cone), and begin to identify these shapes in the environment.	**"Faces of the Kotel" Activity:** Examine images of the Western Wall and identify cube and rectangular prism stones. Discuss faces, edges, and vertices as a class. 3D Shape Activities for Early Years	**Shape Sorting:** Provide a variety of 3D shape models. Children sort and describe them, using both English and Hebrew terms.	**Construction Station:** Set out blocks and 3D shape models for children to build and explore.	**Outdoor Shape Hunt:** Children search for natural and man-made objects shaped like cubes, cylinders, and spheres.	Images of the Western Wall, 3D shape models, blocks
Monday 6 Oct 2025	**Capacity (Standard Units)**	Children will measure and compare the capacity of containers using standard units (liters and milliliters), and use precise measurement language.	**Measuring Capacity Demonstration:** Use measuring jugs to fill containers with water. Discuss how much each holds (liters/milliliters) and compare results as a class. Measuring Capacity Activities	**Measuring Station:** Children measure and record the capacities of various containers using measuring jugs.	**Water Play:** Set up a water table with containers and measuring jugs for free exploration.	**Outdoor Water Station:** Use buckets and measuring jugs to compare capacities in the playground.	Measuring jugs, containers, water, charts
Tuesday 7 Oct 2025	**3D Shapes**	Children will consolidate their understanding of 3D shapes by building and describing models, and identifying shapes in everyday objects.	**Shape Building Challenge:** Children use blocks or modeling clay to build 3D shapes and describe their properties (faces, edges, vertices). 3D Shape Building Ideas	**Shape Puzzles:** Provide 3D shape puzzles or nets for children to assemble and discuss.	**Construction Play:** Continue to provide blocks and modeling materials for creative building.	**Outdoor Construction:** Use large blocks or recycled materials to build giant 3D shapes outside.	Blocks, modeling clay, shape puzzles, nets
Wednesday 8 Oct 2025	**Capacity (Standard Units)**	Children will estimate and then measure the capacity of containers, and discuss why using	**Estimation Challenge:** Show a container and ask children to estimate how many liters or milliliters it will hold. Measure together and discuss the results.	**Estimation and Measuring:** Children estimate and then measure the capacity of different containers,	**Capacity Games:** Set up a "fill the jug" game where children race to fill containers to a certain level.	**Outdoor Estimation:** Use buckets and measuring jugs to estimate and measure capacities of outdoor containers.	Measuring jugs, containers, water, charts

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
		standard units is important.	Estimation and Capacity Activities	recording their findings.			
Thursday 9 Oct 2025	**3D Shapes & Capacity (Standard Units) (Review)**	Children will combine knowledge of 3D shapes and capacity by identifying shapes of containers and measuring their capacities, applying both concepts in practical contexts.	**Shape and Capacity Challenge:** Ask children to find a 3D-shaped container (e.g., cylinder, cube), estimate its capacity, then measure and record the result. Combined Shape and Capacity Ideas	**Integrated Station:** Children identify 3D shapes of containers, estimate and measure their capacities, and compare results.	**Integrated Play:** Set up stations where children can build 3D shapes and explore capacity simultaneously.	**Outdoor Integrated Activity:** Use large containers of different shapes to estimate and measure capacities in the playground.	3D containers, measuring jugs, water, charts

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use precise mathematical language (e.g., “cube,” “cylinder,” “liter,” “milliliter”) and encourage children to describe their reasoning.
- **Differentiation:** Offer varied challenges (e.g., simple sorting for some, advanced building for others).
- **Bilingual Reinforcement:** Use both English and Hebrew for shape and measurement terms.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children’s ability to name and describe 3D shapes, use standard units for capacity, and explain their thinking.

Dolphins Weekly Maths Plan | Week 7 *–12th – 16th October 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 12 Oct 2025	**Number Recognition (Hebrew/ English)**	Children will match numerals to Hebrew words and begin to use both languages for number recognition.	**Bilingual Number Puzzles:** Children match numerals to Hebrew and English words in a whole-class puzzle activity. Bilingual Number Resources	**Number Matching:** Children work in small groups to match number cards to Hebrew and English word cards, reinforcing bilingual vocabulary.	**Number Writing Station:** Set up trays with sand, clay, or paint for children to practice forming numbers and writing number words in both languages.	**Outdoor Number Hunt:** Children find and order number cards hidden in the playground, calling out the numbers in English and Hebrew.	Number cards, Hebrew/English word cards, sand, clay, paint
Monday 13 Oct 2025	**Time (Sequencing)**	Children will sequence daily events and begin to use language related to time (morning, afternoon, night).	**Photo Timeline Creation:** As a class, arrange photos of daily routines in order and discuss what happens at different times. Sequencing Activities Guide	**Daily Routine Sequencing:** Children arrange picture cards showing daily activities in order and discuss the sequence.	**Sequencing Station:** Provide story sequencing cards and materials for children to arrange events in order.	**Outdoor Sequencing:** Children act out routines (e.g., arrival, play, snack, home time) and discuss the order of events.	Photos, sequencing cards, story cards
Tuesday 14 Oct 2025	**Number Recognition (Hebrew/ English)**	Children will consolidate their bilingual number recognition and use numbers in real-life contexts.	**Number Hunt Story:** Read a story involving counting and ask children to find and match numbers in both languages during the story. Story-Based Number Activities	**Number Bingo:** Play bingo using numbers 0–20, calling out numbers in English and Hebrew.	**Number Games:** Set up a memory or matching game with numbers in both languages.	**Outdoor Bilingual Number Games:** Children play hopscotch or number tag, calling out numbers in both languages.	Storybook, bingo cards, number cards
Wednesday 15 Oct 2025	**Time (Sequencing)**	Children will deepen their understanding of sequencing by retelling stories and routines, and using sequencing language.	**Story Retelling:** Read a familiar story and ask children to retell the sequence of events. Discuss words like "first," "next," "last."	**Sequencing Puzzles:** Children work in small groups to arrange story or routine picture cards in the correct order.	**Sequencing Play:** Provide props for children to act out routines or stories, focusing on the order of events.	**Outdoor Story Sequencing:** Children act out a story or routine in order, using outdoor props.	Storybooks, sequencing cards, props

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
			Sequencing Activities Guide				
Thursday 16 Oct 2025	**Number Recognition (Hebrew/ English) & Time (Sequencing) (Review)**	Children will combine bilingual number recognition and sequencing skills, applying both in practical and creative contexts.	**Integrated Challenge:** Children match numbers to sets of objects, then sequence a set of routine pictures to create a timeline of their day. Bilingual Number Resources	**Integrated Station:** Children create a timeline of their day, using number cards and routine pictures, and discuss the sequence in both languages.	**Integrated Play:** Set up stations where children can practice number recognition and sequencing simultaneously.	**Outdoor Integrated Activity:** Children create a giant timeline using chalk and number cards, acting out routines in order.	Number cards, routine pictures, chalk

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use both English and Hebrew for number words and sequencing language (“first,” “next,” “last”).
- **Differentiation:** Offer varied challenges (e.g., simple matching for some, advanced sequencing for others).
- **Bilingual Reinforcement:** Use both languages throughout the day, especially during maths activities.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children’s ability to recognize numbers in both languages, sequence events, and use mathematical language.

Dolphins Weekly Maths Plan | Week 8 *–19th – 23rd October 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 19 Oct 2025	**Symmetry**	Children will create symmetrical designs and identify lines of symmetry, using mirrors and artistic materials.	**Star of David Symmetry Art:** Children use mirrors to explore symmetry and create symmetrical designs with Star of David templates or Jewish ritual objects. Symmetry Activities for Preschoolers (FirstCry)	**Symmetry Puzzles:** Children complete half-drawn shapes or patterns using mirrors, discussing what makes a shape symmetrical. Playful Symmetry Activities (Joyful Learning)	**Symmetry Station:** Set up mirrors, paper, and art materials for children to create and explore symmetrical designs.	**Outdoor Symmetry Hunt:** Children search for natural objects that are symmetrical (leaves, flowers, bricks).	Mirrors, Star of David templates, art materials, puzzles
Monday 20 Oct 2025	**Weight (Standard Units)**	Children will use kitchen scales to measure weight in grams, and compare the weights of different objects.	**Weighing Demonstration:** Show children how to use kitchen scales to weigh Israeli fruits (dates, olives). Discuss which is heavier and by how much. Weighing Activities for Early Years (PreKinders)	**Weighing Station:** Children weigh a variety of objects (fruit, blocks, toys) and record their findings on a simple chart.	**Weighing Play:** Provide kitchen scales and a range of objects for children to explore and compare weights during free play.	**Outdoor Weighing:** Use scales to weigh natural objects (stones, pinecones) found in the playground.	Kitchen scales, fruit, blocks, toys, chart, markers
Tuesday 21 Oct 2025	**Symmetry**	Children will deepen their understanding of symmetry by creating and describing their own symmetrical patterns and designs.	**Mirror Image Art:** Children make shapes or patterns and use mirrors to check for symmetry, creating mirror image art. Symmetry Activities for Preschoolers (FirstCry)	**Pattern Extension:** Children extend symmetrical patterns using blocks, beads, or stickers, discussing the line of symmetry.	**Pattern Construction:** Set out pattern blocks, beads, and stickers for free exploration and pattern creation.	**Outdoor Chalk Symmetry:** Children draw symmetrical patterns on the playground with chalk.	Mirrors, art materials, blocks, beads, stickers, chalk
Wednesday 22 Oct 2025	**Weight (Standard Units)**	Children will estimate and then measure the weights of objects, and discuss the	**Estimation Challenge:** Show children an object and ask them to estimate its weight in grams. Use kitchen scales to	**Estimation and Weighing:** Children estimate and then measure the weights of	**Weighing Play:** Continue to provide a variety of objects and scales for exploration.	**Outdoor Estimation:** Children estimate and weigh natural objects,	Kitchen scales, objects, chart, markers

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
		importance of using standard units.	measure and discuss the results. Estimation and Weight Activities (PreKinders)	different objects, recording their findings.		discussing their findings.	
Thursday 23 Oct 2025	**Symmetry & Weight (Standard Units) (Review)**	Children will combine knowledge of symmetry and weight, applying both concepts in creative and practical contexts.	**Symmetry and Weight Challenge:** Ask children to create a symmetrical pattern with objects of different weights, then use scales to compare the weights of the pattern elements. Symmetry Activities for Preschoolers (FirstCry)	**Integrated Station:** Children create patterns with objects, then use scales to compare the weights of their pattern pieces.	**Integrated Play:** Set up stations where children can create symmetrical patterns and explore weight simultaneously.	**Outdoor Integrated Activity:** Children create symmetrical patterns with natural objects and compare their weights using scales.	Mirrors, objects, kitchen scales, chalk

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use precise mathematical language (e.g., “symmetry,” “line of symmetry,” “grams,” “heavier,” “lighter”) and encourage children to describe their reasoning.
- **Differentiation:** Offer varied challenges (e.g., simple mirror exploration for some, advanced pattern creation for others).
- **Bilingual Reinforcement:** Use both English and Hebrew for symmetry and weight terms.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children’s ability to create and describe symmetrical patterns, compare weights, and use mathematical language during activities.

Dolphins Weekly Maths Plan | Week 9 *–26th – 30th October 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 26 Oct 2025	**Subtraction (Within 10)**	Children will understand subtraction as "taking away" within 10, using concrete objects and begin to solve simple subtraction problems.	**Cookie Shop Subtraction:** Use real or play cookies to model subtraction problems (e.g., "I had 8 cookies and gave away 3, how many are left?"). Discuss subtraction as taking away. Subtraction Activities (Prodigy)	**Subtraction Bowling:** Set up a bowling game where children count knocked pins and subtract from the total. Record answers. Subtraction Bowling Game	**Subtraction Play:** Provide counters or toys for children to act out subtraction stories during free play.	**Outdoor Subtraction Bowling:** Use plastic pins and balls for a subtraction game outside.	Play cookies, counters, bowling set or plastic pins, balls
Monday 27 Oct 2025	**Length (Estimation)**	Children will estimate lengths of classroom objects and then measure to check their estimates, developing estimation and measurement skills.	**Guess the Length:** Children estimate the length of objects (e.g., pencil, book) in centimeters, then measure using rulers and compare results. Guess the Length Activity (Tes)	**Estimation and Measuring:** Children estimate lengths of objects, then measure and record the actual lengths. Discuss differences between estimates and measurements. Estimation & Subtraction Lesson (Educate Outside)	**Measuring Station:** Provide rulers and objects for children to estimate and measure independently during free play.	**Outdoor Estimation Walk:** Children estimate and measure lengths of natural objects (sticks, leaves) using rulers or non-standard units.	Rulers, objects, charts, markers
Tuesday 28 Oct 2025	**Subtraction (Within 10)**	Children will consolidate subtraction skills by solving word problems and using number lines to find answers.	**Number Line Subtraction:** Use a large number line to solve subtraction problems by "jumping back" the correct number of steps. Number Line Subtraction (NCETM)	**Subtraction Card Game:** Children play a card game where they subtract smaller numbers from larger ones, recording results. Subtraction Card Games (Prodigy)	**Subtraction Stories:** Children create and act out subtraction stories using toys and props during play.	**Outdoor Number Line:** Create a large number line on the playground for children to physically jump back subtraction steps.	Number line, cards, toys, props
Wednesday 29 Oct 2025	**Length (Estimation)**	Children will deepen their understanding	**Estimation & Difference:** Children	**Measurement Challenge:** Children	**Estimation Play:** Provide a variety	**Outdoor Measurement**	Rulers, objects, charts, markers

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
		of estimation and measurement by comparing their estimates with actual lengths and calculating differences.	estimate lengths, measure objects, then calculate the difference between estimate and actual measurement. Estimation & Subtraction Lesson (Educate Outside)	estimate and measure objects, then discuss which objects were easiest or hardest to estimate.	of objects and rulers for children to estimate and measure freely.	**Challenge:** Children estimate and measure lengths of playground equipment or natural objects.	
Thursday 30 Oct 2025	**Subtraction (Within 10) & Length (Estimation) (Review)**	Children will combine subtraction and estimation skills by solving practical problems involving "taking away" and measuring lengths.	**Integrated Problem Solving:** Present subtraction problems involving measurement (e.g., "If a stick is 10 cm and you cut off 3 cm, how long is it now?"). Use objects and number lines to solve. Subtraction & Measurement Activities	**Integrated Station:** Children solve subtraction problems and estimate/measure lengths of objects, recording their answers.	**Integrated Play:** Set up stations combining subtraction and measurement activities for hands-on exploration.	**Outdoor Integrated Activity:** Children measure objects, subtract lengths, and discuss results in groups.	Objects, number lines, rulers, charts

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use subtraction vocabulary ("take away," "left," "difference") and estimation language ("guess," "estimate," "longer," "shorter").
- **Concrete-Pictorial-Abstract (CPA):** Use physical objects and number lines before moving to abstract symbols.
- **Differentiation:** Support children with varying levels by providing simpler or more complex problems.
- **Bilingual Reinforcement:** Use English and Hebrew terms for subtraction and measurement.
- **Play-Based Learning:** Embed subtraction and estimation in play, encouraging children to explain their thinking.
- **Assessment:** Observe children's problem-solving strategies, use of language, and accuracy in estimation and measurement.

Dolphins Weekly Maths Plan | Week 10 *–2nd – 6th November 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 2 Nov 2025	**Positional Language**	Children will use and understand positional language (between, behind, next to, in front) to describe and follow directions.	**Bee-Bot Treasure Maps:** Program Bee-Bots to move around a classroom map using positional language. Children give and follow directions. Bee-Bot and Positional Language Activity (Twinkl)	**Positional Language Games:** Children use picture cards or objects to place items in different positions (e.g., "Put the bear behind the chair").	**Positional Play:** Set up a small world area where children use positional language to arrange toys and describe their locations.	**Outdoor Treasure Hunt:** Children follow clues using positional language to find hidden objects.	Bee-Bots, classroom map, picture cards, objects, treasure hunt clues
Monday 3 Nov 2025	**Money (Coin Recognition)**	Children will identify and name Israeli coins (1, 5, 10 ILS) and begin to use them in simple play scenarios.	**Coin Sorting and Naming:** Show children Israeli coins and discuss their values. Sort coins by value and name them in both English and Hebrew. Coin Recognition Activities (Early Years Resources)	**Coin Matching:** Children match coins to their values and names, using both English and Hebrew labels.	**Money Play:** Set up a "shop" or "market" area with coins and price tags for children to explore during free play.	**Outdoor Market:** Children use coins to "buy" and "sell" natural objects or play equipment.	Israeli coins, labels, price tags, shop props
Tuesday 4 Nov 2025	**Positional Language**	Children will consolidate their use of positional language by giving and following directions in a variety of contexts.	**Directional Movement Game:** Children take turns giving and following directions using positional language (e.g., "Stand next to the table," "Sit between the chairs"). Positional Language Games (Busy Things)	**Story Sequencing with Positional Language:** Children arrange story pictures and describe the positions of characters or objects.	**Construction Play:** Children build structures and describe the positions of blocks using positional language.	**Outdoor Directional Play:** Children give and follow directions using playground equipment and natural features.	Story cards, blocks, playground equipment
Wednesday 5 Nov 2025	**Money (Coin Recognition)**	Children will deepen their understanding of coins by using them in simple addition and shopping scenarios.	**Shopping Role-Play:** Children use coins to "buy" items with different prices, adding up totals and giving change. Money Role-Play Ideas (Early Years Resources)	**Coin Addition:** Children add coins together to reach a target value (e.g., "Can you	**Shop Station:** Provide coins, price tags, and items for children to practice buying and selling.	**Outdoor Shop:** Children set up a market stall and use coins to buy and sell outdoor items.	Coins, price tags, shop props, outdoor items

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
				make 10 ILS with these coins?").			
Thursday 6 Nov 2025	**Positional Language & Money (Coin Recognition) (Review)**	Children will combine positional language and money skills, applying both in practical and creative contexts.	**Integrated Challenge:** Children set up a shop, use positional language to arrange items, and use coins to buy and sell. Discuss as a class how the two concepts work together. Combined Positional and Money Activities (Twinkl)	**Integrated Station:** Children create a shop layout using positional language, then use coins to buy and sell items.	**Integrated Play:** Set up stations where children can practice both positional language and money skills.	**Outdoor Integrated Activity:** Children create a market, arrange items using positional language, and use coins for transactions.	Shop props, coins, labels, outdoor items

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use precise positional language ("between," "behind," "next to," "in front") and coin vocabulary ("1 ILS," "5 ILS," "10 ILS").
- **Differentiation:** Offer varied challenges (e.g., simple sorting for some, advanced addition for others).
- **Bilingual Reinforcement:** Use both English and Hebrew for positional and money terms.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children's ability to use positional language, recognize coins, and solve simple money problems.

Dolphins Weekly Maths Plan | Week 11 *–9th – 13th November 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 9 Nov 2025	**Number Composition (0–20)**	Children will understand how to partition numbers to 20 (e.g., 18 = 10 + 8), and explore different ways to make numbers using concrete materials.	**Olive Pit Partitioning:** Demonstrate partitioning numbers using olive pits or other counters. Show different combinations (e.g., 12 = 10 + 2, 7 + 5). Partitioning Activities (Twinkl)	**Partitioning Trays:** Children use trays and counters to find different ways to make numbers up to 20. Encourage them to record their combinations.	**Number Composition Station:** Set up trays and counters for children to partition numbers independently during free play.	**Outdoor Partitioning:** Use natural materials (stones, pinecones) to partition numbers in the playground.	Olive pits, counters, trays, recording sheets
Monday 10 Nov 2025	**Data Handling**	Children will collect data, organize it, and represent it using simple graphs or charts.	**Graphing Favorites:** As a class, vote on favorite Israeli snacks. Create a bar graph or pictogram to display the results. Data Handling for Early Years (Teachwire)	**Data Collection:** Small groups collect data (e.g., favorite colors, fruits) and create simple graphs using stickers or drawings.	**Graphing Station:** Provide materials for children to create their own graphs and charts during free play.	**Outdoor Data Collection:** Children collect data on outdoor items (e.g., types of leaves, stones) and make simple charts.	Chart paper, stickers, markers, data collection sheets
Tuesday 11 Nov 2025	**Number Composition (0–20)**	Children will consolidate their understanding of number composition by solving practical problems and explaining their reasoning.	**Number Composition Stories:** Read or tell stories involving partitioning (e.g., "We have 15 olives—how can we share them between two bowls?"). Children use counters to solve and discuss. Story-Based Math Activities (PreKinders)	**Problem Solving:** Children work in pairs to solve partitioning problems and record their answers.	**Number Play:** Set up a "shop" or "market" where children partition items into groups using counters.	**Outdoor Number Composition:** Children partition natural objects into groups and discuss their combinations.	Counters, storybooks, recording sheets
Wednesday 12 Nov 2025	**Data Handling**	Children will interpret simple graphs and charts, and answer questions about the data.	**Graph Interpretation:** Show a completed graph and ask children questions (e.g., "Which snack is most popular? How many more like hummus than pita?"). Interpreting Graphs (Early Years Resources)	**Graph Questions:** Children work in small groups to answer questions about graphs they have made.	**Graphing Play:** Provide completed graphs and questions for children to explore and discuss.	**Outdoor Graph Interpretation:** Children use outdoor data to answer questions about their charts.	Graphs, question cards, markers

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Thursday 13 Nov 2025	**Number Composition (0–20) & Data Handling (Review)**	Children will combine number composition and data handling skills, applying both in practical and creative contexts.	**Integrated Challenge:** Children partition a set of objects, then collect data about their groups and create a graph to display the results. Combined Partitioning and Data Activities (Twinkl)	**Integrated Station:** Children partition objects, collect data on their combinations, and create a graph to share their findings.	**Integrated Play:** Set up stations where children can partition numbers and create graphs simultaneously.	**Outdoor Integrated Activity:** Children partition natural objects, collect data, and create a giant graph on the playground.	Counters, trays, chart paper, markers

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use language such as “partition,” “combine,” “most,” “least,” and encourage children to describe their reasoning.
- **Differentiation:** Offer simpler or more complex partitioning and graphing tasks to suit all learners.
- **Bilingual Reinforcement:** Use both English and Hebrew for number and data terms.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children’s ability to partition numbers, collect and interpret data, and use mathematical language.

Dolphins Weekly Maths Plan | Week 12 *–16th – 20th November 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 16 Nov 2025	**Repeating Patterns**	Children will extend and describe repeating patterns (ABC, AAB), and use pattern language to explain their sequences.	**Drumbeat Pattern Game:** Listen to and continue drumbeat patterns (e.g., clap, tap, clap). Invite children to create and extend their own rhythms. Pattern Activities for Early Years (PreKinders)	**Pattern Cards:** Children use cards with different shapes or objects to create and extend repeating patterns. Encourage children to describe their patterns.	**Pattern Station:** Provide pattern blocks, beads, or colored counters for children to create and continue patterns independently.	**Outdoor Pattern Walk:** Children find and create patterns using natural materials (leaves, stones, sticks).	Drum, pattern cards, blocks, beads, counters, natural materials
Monday 17 Nov 2025	**Time (O'Clock)**	Children will read analog clocks to the hour and use time-related language (o'clock, hour, time).	**Paper Plate Clock Craft:** Children make clocks and practice setting and reading times to the hour. Paper Plate Clock Activity (First Palette)	**Time Matching:** Children match clock faces showing o'clock times to digital times or written words.	**Clock Play:** Provide toy clocks or clock faces for children to explore and set times during free play.	**Outdoor Clock Hunt:** Children find and identify clocks around the playground or school.	Paper plates, clock hands, markers, toy clocks, digital time cards
Tuesday 18 Nov 2025	**Repeating Patterns**	Children will consolidate their understanding of repeating patterns by creating their own patterns using different materials and describing them.	**Pattern Art:** Use cut-out shapes or colored paper to create pattern collages. Children describe their patterns to the class. Pattern Collage Ideas (PreKinders)	**Pattern Extension:** Provide pattern strips for children to continue using beads, blocks, or stickers.	**Pattern Construction:** Set out pattern blocks, beads, and stickers for free exploration and pattern creation.	**Outdoor Chalk Patterns:** Children draw repeating patterns on the playground with chalk.	Cut-out shapes, colored paper, pattern strips, beads, blocks, stickers, chalk
Wednesday 19 Nov 2025	**Time (O'Clock)**	Children will deepen their understanding of time by sequencing daily events and relating them to o'clock times.	**Daily Routine Timeline:** As a class, arrange pictures of daily routines and match them to o'clock times on a large clock face. Sequencing Activities Guide (Learning Without Tears)	**Time Sequencing:** Children work in small groups to arrange routine cards in order and match them to clock faces.	**Time Play:** Provide props for children to act out daily routines and set times on toy clocks.	**Outdoor Routine Acting:** Children act out a school day, calling out the time for each event.	Routine cards, clock faces, props, toy clocks

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Thursday 20 Nov 2025	**Repeating Patterns & Time (O'Clock) (Review)**	Children will combine knowledge of repeating patterns and time, applying both in creative and practical contexts.	**Integrated Challenge:** Children create a pattern using daily routine cards, then set the time for each event on a clock face. Combined Pattern and Time Activities (PreKinders)	**Integrated Station:** Children create patterns with routine cards and set times on clocks, discussing the sequence and pattern.	**Integrated Play:** Set up stations where children can create patterns and explore time simultaneously.	**Outdoor Integrated Activity:** Children create giant patterns with natural objects and set times for each part of the pattern using chalk clocks.	Routine cards, clock faces, chalk, natural materials

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use precise mathematical language (e.g., "pattern," "repeat," "o'clock," "hour") and encourage children to describe their reasoning.
- **Differentiation:** Offer varied challenges (e.g., simple AB patterns for some, more complex patterns for others; simple o'clock times for some, sequencing for others).
- **Bilingual Reinforcement:** Use both English and Hebrew for pattern and time terms.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children's ability to create and describe patterns, read and set o'clock times, and use mathematical language during activities.

Dolphins Weekly Maths Plan | Week 13 *–23rd – 27th November 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 23 Nov 2025	**Estimation (20–50)**	Children will estimate quantities of objects (20–50) and check their estimates by counting, developing accuracy and reasoning skills.	**Estimation Jars:** Fill jars with Israeli items (dates, almonds). Children estimate how many are in each jar, then count to check. Estimation Jars Activity (PreKinders)	**Estimation Games:** Children estimate the number of objects in different containers, then count and record their findings.	**Estimation Station:** Provide trays with a variety of objects for children to estimate and count during free play.	**Outdoor Estimation:** Children estimate and count natural objects (stones, pinecones) in the playground.	Jars, Israeli snacks, trays, objects, recording sheets
Monday 24 Nov 2025	**Length (Problem-Solving)**	Children will solve simple "how much longer?" problems using measurement, and compare lengths using standard and non-standard units.	**"Build the Tallest Tower" Challenge:** Children use blocks to build towers, then measure and compare heights, discussing which is tallest and by how much. Measurement Problem-Solving (Early Years Resources)	**Measurement Problem-Solving:** Children measure classroom objects and solve "how much longer?" or "how much shorter?" questions.	**Measuring Construction:** Provide rulers, blocks, and measuring tapes for children to build, measure, and compare structures.	**Outdoor Measurement Challenge:** Children measure and compare the lengths of playground equipment or natural objects.	Blocks, rulers, measuring tapes, charts, markers
Tuesday 25 Nov 2025	**Estimation (20–50)**	Children will consolidate estimation skills by estimating larger quantities in different contexts and explaining their reasoning.	**Estimation Story:** Read a story involving counting and ask children to estimate how many items are in a group before counting. Story-Based Estimation Activities (PreKinders)	**Estimation Puzzles:** Children estimate the number of items in a picture or tray, then count and check.	**Estimation Play:** Set up estimation challenges with different materials for children to explore independently.	**Outdoor Estimation Hunt:** Children estimate and count groups of natural objects (leaves, stones, sticks).	Storybooks, trays, objects, recording sheets
Wednesday 26 Nov 2025	**Length (Problem-Solving)**	Children will deepen their understanding of measurement by solving real-life "how much longer?" or "how much shorter?" problems.	**Measurement Problem-Solving:** Present real-life scenarios (e.g., "Which ribbon is longer? How much longer?"). Children measure and record their answers. Measurement Problem-Solving (Early Years Resources)	**Measurement Challenges:** Children work in pairs to measure and compare lengths, then solve related word problems.	**Measurement Games:** Provide rulers and objects for children to measure and compare independently.	**Outdoor Problem-Solving:** Children measure and compare lengths of outdoor equipment or natural objects, then discuss their findings.	Rulers, objects, charts, markers

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Thursday 27 Nov 2025	**Estimation (20–50) & Length (Problem-Solving) (Review)**	Children will combine estimation and measurement skills, applying both in practical and creative contexts.	**Integrated Challenge:** Children estimate how many objects are in a group, then measure the length of a related object (e.g., a stick), and discuss their reasoning. Combined Estimation and Measurement Activities (Early Years Resources)	**Integrated Station:** Children estimate quantities and measure lengths, then record and compare their results.	**Integrated Play:** Set up stations where children can practice estimation and measurement simultaneously.	**Outdoor Integrated Activity:** Children estimate groups of natural objects and measure their lengths, then discuss their findings.	Objects, rulers, charts, markers

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use precise mathematical language (e.g., “estimate,” “count,” “longer,” “shorter,” “how much more/less”) and encourage children to describe their reasoning.
- **Differentiation:** Offer varied challenges (e.g., estimating and measuring with smaller or larger numbers, using standard or non-standard units).
- **Bilingual Reinforcement:** Use both English and Hebrew for estimation and measurement terms.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children’s ability to estimate, measure, solve problems, and use mathematical language during activities.

Dolphins Weekly Maths Plan | Week 14 *–30th November - 3rd December 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 30 Nov 2025	**Spatial Reasoning**	Children will follow and give directions using positional language and create simple maps to represent space.	**Map-making for the Classroom:** Children create simple maps of the classroom and give directions to find hidden objects, using positional language (e.g., "behind," "next to," "between")46.	**Treasure Map Puzzles:** Children work in pairs to create treasure maps and give directions to each other to find objects.	**Mapping Station:** Provide paper, markers, and small objects for children to create and use their own maps during free play.	**Outdoor Mapping:** Children explore the playground, draw simple maps, and give directions using positional language.	Paper, markers, objects, treasure hunt clues
Monday 1 Dec 2025	**Capacity (Problem-Solving)**	Children will solve "which container holds more?" problems by comparing capacities using containers and water.	**Water Transfer Races:** Children use funnels, tubes, and containers to move water and compare which container holds more1.	**Capacity Challenges:** Children estimate and then measure which of several containers holds more water, recording their findings.	**Water Play:** Set up a water table with funnels, tubes, and containers for children to explore and compare capacities.	**Outdoor Water Station:** Use buckets, funnels, and tubes to compare capacities in the playground.	Funnels, tubes, containers, water, charts
Tuesday 2 Dec 2025	**Spatial Reasoning**	Children will deepen their understanding of spatial relationships by interpreting and creating maps and using directional language.	**Directional Movement Game:** Children take turns giving and following directions using positional and directional language (e.g., "Turn left at the table," "Go behind the chair")46.	**Map Interpretation:** Children follow simple maps to find hidden objects and discuss the route using spatial language.	**Construction Play:** Children build structures and describe the positions of blocks using spatial language.	**Outdoor Directional Play:** Children give and follow directions using playground equipment and natural features.	Maps, blocks, objects, playground equipment
Wednesday 3 Dec 2025	**Capacity (Problem-Solving)**	Children will estimate and then measure the capacities of different containers, and discuss why using standard units is important.	**Estimation Challenge:** Show a variety of containers and ask children to estimate which holds more, then measure and compare using water or sand1.	**Estimation and Measuring:** Children estimate and then measure the capacities of different containers, recording their findings.	**Capacity Games:** Set up a "fill the jug" game where children race to fill containers to a certain level.	**Outdoor Estimation:** Use buckets and measuring jugs to estimate and measure capacities of outdoor containers.	Containers, water/sand, measuring jugs, charts

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Thursday 4 Dec 2025	**Spatial Reasoning & Capacity (Problem-Solving) (Review)**	Children will combine spatial reasoning and capacity skills, applying both in creative and practical contexts.	**Integrated Challenge:** Children create a map of a "water park" (e.g., a table with containers and funnels), then solve "which container holds more?" problems as they navigate the park46.	**Integrated Station:** Children make maps, give directions to move water between containers, and compare capacities.	**Integrated Play:** Set up stations where children can practice mapping and capacity problem-solving simultaneously.	**Outdoor Integrated Activity:** Children create a giant water park map and solve capacity problems using outdoor equipment.	Maps, containers, funnels, water, markers

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use precise spatial language ("next to," "behind," "between," "left," "right") and capacity vocabulary ("more," "less," "full," "empty").
- **Differentiation:** Offer varied challenges (e.g., simple mapping for some, advanced problem-solving for others).
- **Bilingual Reinforcement:** Use both English and Hebrew for spatial and measurement terms.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children's ability to use spatial language, create and interpret maps, compare capacities, and explain their reasoning.

Dolphins Weekly Maths Plan | Week 15 *–7th – 11th December 2025*

Day & Date	Mathematical Concept/s	Teaching/Learning Intention for the Day	Whole Class Teaching Activity	Small Group/Table Top Teaching Activity	Ways to Explore in Free Play/Continuous Provision	Outside Activity/Play Resources	Key Resources Required
Sunday 7 Dec 2025	**Review & Application**	Children will review all key concepts learned this semester and begin planning an integrated project.	**Project Introduction:** Introduce the "Plan a Hanukkah Party" project. As a class, brainstorm what needs to be done (e.g., count guests, measure food, calculate costs). Project-Based Learning Guide (Early Years)	**Project Planning:** Children work in small groups to decide on roles and responsibilities for the party (e.g., counting, measuring, budgeting).	**Project Play:** Set up areas for children to practice counting, measuring, and using money in a party context.	**Outdoor Planning:** Children discuss and plan for outdoor party activities, estimating and measuring as needed.	Paper, markers, coins, measuring tools, party props
Monday 8 Dec 2025	**Integrated Project (Counting, Measuring, Money)**	Children will apply counting, measuring, and money skills to real-world party planning tasks.	**Counting Guests:** As a class, count how many children and adults will attend the party. Discuss how to record and display this information.	**Measuring Food:** Small groups measure ingredients or food items for the party, using standard and non-standard units.	**Measuring Play:** Provide measuring tools and food props for children to practice measuring independently.	**Outdoor Measuring:** Children measure and compare lengths or capacities of outdoor party items.	Measuring tools, food props, charts
Tuesday 9 Dec 2025	**Integrated Project (Budgeting, Data Handling)**	Children will use money skills to budget for the party and collect data about guest preferences.	**Budgeting Challenge:** Discuss the cost of party items and how to use Israeli coins to stay within a budget (e.g., "We have 50 ILS—what can we buy?").	**Data Collection:** Children survey classmates to find out their favorite party foods or activities, then create simple graphs or charts.	**Shop Play:** Set up a shop area for children to practice budgeting and buying party items.	**Outdoor Survey:** Children collect data about favorite outdoor party activities.	Coins, price tags, survey sheets, charts
Wednesday 10 Dec 2025	**Integrated Project (Review, Preparation)**	Children will review all concepts and prepare for the final presentation or party.	**Review Games:** Play games to review counting, measuring, money, and data handling as a whole class.	**Preparation:** Children work in small groups to finalize party plans, prepare displays, or practice explaining their work.	**Project Play:** Children continue to explore all areas of the project in free play.	**Outdoor Preparation:** Children set up outdoor party stations and practice measuring or counting as needed.	Games, display materials, party props
Thursday 11 Dec 2025	**Integrated Project**	Children will present their project, explain	**Class Measurement Museum:** Children set up	**Presentation Groups:** Children	**Celebration Play:** Children enjoy the	**Outdoor Celebration:** Children	Display boards, project

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	(Presentation, Celebration)	their learning, and celebrate their achievements.	stations to showcase their favorite measurement, counting, and money activities from the semester. Invite families or other classes to visit and hear children explain their work. Class Museum Guide (NAEYC)	work in small groups to present their part of the project or museum to visitors.	party and continue to explore math concepts in a festive context.	celebrate with outdoor games and activities, using math skills as needed.	materials, certificates, party props

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Teaching Guidance for Staff

- **Daily Maths Talk:** Use precise mathematical language throughout the project, encouraging children to explain their reasoning and decisions.
- **Differentiation:** Offer varied roles and tasks to suit all learners, from simple counting to more complex budgeting and data analysis.
- **Bilingual Reinforcement:** Use both English and Hebrew for number, measurement, and money terms.
- **Play-Based Learning:** Embed maths in all areas of provision, allowing children to explore concepts through hands-on, creative play.
- **Assessment:** Observe children's ability to apply concepts, work collaboratively, and explain their learning during the project and presentation.