OLYMPUS SUMMER MATHS LONG TERM

Week / Focus (WR Small Steps + Codes)	NC Objectives	Activities	Resources & Links	Assessment Questions (Y2 / Y3)	Expected Outcomes (Y2 / Y3)	Greater Depth
Week 1 – Y2 Summer Block 1 Step 1–3: Recognise 1/3; Find 1/3; Unit fractions of a set Y3 Summer Block 1 Step 1–3: Fractions – Equivalent fractions on a number line; Equivalent fractions (1)	Y2 NC: Recognise, find and name fractions 1/3 of a shape, set or quantity. Y3 NC: Recognise and show, using diagrams, equivalent fractions.	• Y2: Share counters equally into 3 groups, shade 1/3 of shapes. • Y3: Use fraction walls/number lines to find equivalent fractions. • Mixed: Fraction dominoes linking 1/2, 2/4, 3/6.	• Counters, fraction walls, paper strips. • [White Rose Fractions Y2](https://whiteroseeducation.com/resources/primary/primary-maths/year-2/fractions) • [White Rose Fractions Y3](https://whiteroseeducation.com/resources/primary/primary-maths/year-3/fractions) • [TopMarks Fraction Wall](https://www.topmarks.co.uk/maths-games/fraction-wall)	Y2: What is 1/3 of 12? Y3: Which fraction is equivalent to 2/4?	Y2: Recognise and find 1/3 of shapes and sets. Y3: Confident with identifying equivalent fractions.	• Y2: Prove that 1/3 of 12 = 4. • Y3: Always/sometimes/never: Two fractions can be equivalent but look different.
Week 2 – Y2 Summer Block 1 Step 4–6: Non-unit fractions;	Y2 NC: Recognise, find, name and write	• Y2: Shade shapes for 2/4, 3/4, find fractions of	• Fraction cards, walls, counters. • [NRICH Fractions	Y2: What is 3/4 of 20?	Y2: Recognise and find 2/4, 3/4.	• Y2: Prove that 2/4 = 1/2 using shapes. • Y3: Create a

Recognise 2/4, 3/4 Y3 Summer Block 1 Step 4–6: Fractions – Equivalent fractions (2); Compare fractions	fractions 2/4, 3/4 of shapes/sets. Y3 NC: Recognise and show, using diagrams, equivalent fractions; compare and order fractions.	sets. • Y3: Order fractions using fraction walls and number lines. • Mixed: Fraction treasure hunt.	Games](https://nrich.maths.org/primary) • White Rose worksheets.	Y3: Which is greater: 2/3 or 3/5?	Y3: Confident comparing and ordering fractions.	number line showing fractions in order.
Week 3 – Y2 Summer Block 1 Step 7–9: Count in fractions; Find fractions of a quantity Y3 Summer Block 1 Step 7–9: Fractions – Add and subtract fractions with the	Y2 NC: Recognise, find and name fractions of a number quantity. Y3 NC: Add and subtract fractions with the same	• Y2: Count in halves and quarters using fraction strips. • Y3: Use fraction strips to add and subtract fractions. • Mixed: Fraction relay race.	• Fraction strips, counters. • [White Rose Fractions Resources](https://whiteroseeducation.com/) • [NRICH Fraction Activities](https://nrich.maths.org/primary)	Y2: What is 3/4 of 16? Y3: 1/4+2/4 =?	Y2: Confident finding fractions of a number quantity. Y3: Confident adding and subtracting fractions with the same	• Y2: Prove that 3/4 of 16 = 12. • Y3: Always/sometimes/never: Adding fractions makes a larger fraction.

same denominator	denominator or within one whole.				denominator.	
Week 4 – Y2 Summer Block 2 Step 1–3: Time – O'clock, half past, quarter past/to Y3 Summer Block 2 Step 1–3: Time – Tell time to 5 minutes, including digital	Y2 NC: Tell and write the time to 5 minutes, including quarter past/to. Y3 NC: Tell and write the time from an analogue clock, including 12/24-hour clock.	• Y2: Use clock faces to show o'clock, half past, quarter past/to. • Y3: Tell time to the nearest 5 minutes, link analogue and digital. • Mixed: Time bingo game.	• Clock faces, interactive clock. • [TopMarks Teaching Clock](https://www.topmarks.co.uk/time/teaching-clock) • White Rose Time resources.	Y2: Show quarter past 3 on a clock. Y3: What time is shown as 14:35 on a digital clock?	Y2: Confident telling time to 5 minutes. Y3: Confident reading analogue/digital clocks to 5 minutes.	• Y2: Prove that quarter to 4 is the same as 3:45. • Y3: Create time problems linking analogue and digital.
Week 5 – Y2 Summer Block 2 Step 4–6: Write time to 5 minutes; Hours and days Y3 Summer Block 2 Step 4–6: Time –	Y2 NC: Compare and sequence intervals of time; know number of	• Y2: Match activities to times of day, practise writing times. • Y3: Convert times between	• Timetable cards, daily routine prompts. • [White Rose Time Worksheets](https://whiteroseeducation.com/) • [TopMarks Time	Y2: How many minutes in an hour? Write 20 past	Y2: Confident writing time to 5 minutes, know hours/days	• Y2: Create a poster explaining hours, days, minutes. • Y3: Prove that 14:00 = 2pm.

Tell and write time to the minute; Use AM/PM	minutes in an hour, hours in a day. Y3 NC: Tell and write time to the nearest minute; use vocabulary such as AM/PM.	12hr and 24hr format. • Mixed: Daily timetable challenge.	Games](https://www.topmarks.co.uk/maths-games/5-7-years/time)	7 on a clock. Y3: Write 2:45pm in 24-hour format.	facts. Y3: Confident telling/writing time to nearest minute, using AM/PM.	
Week 6 – Y2 Summer Block 2 Step 7–9: Find durations of time; Compare durations Y3 Summer Block 2 Step 7–9: Time – Convert between 12 and 24 hour; Compare durations	Y2 NC: Compare and sequence intervals of time; solve problems involving time. Y3 NC: Compare durations of events, convert	• Y2: Use clocks/timers to measure simple activities (e.g. 1 min jumps). • Y3: Convert 24h times to 12h format and vice versa. • Mixed: Daily routine time	• Timers, stopwatches, clocks. • [TopMarks Teaching Clock](https://www.topmarks.co.uk/time/teaching-clock) • [White Rose Time Worksheets](https://whiteroseeducation.com/)	Y2: Which is longer: 2 minutes or 5 minutes ? Y3: Convert 18:45 to 12h clock.	Y2: Compare and measure durations of time. Y3: Confident converting 12/24h time and comparing durations.	• Y2: Create a problem involving comparing time durations. • Y3: Prove that 13:00 is the same as 1pm.

	between units of time (12/24 hour).	problem-solving.				
Week 7 – Y2 Summer Block 3 Step 1–3: Mass – Compare mass; Measure in grams/kg Y3 Summer Block 3 Step 1–3: Mass – Measure, compare, add and subtract mass	Y2 NC: Choose and use appropriate standard units to measure mass. Y3 NC: Measure, compare, add and subtract mass (kg/g).	• Y2: Use balance scales to compare weights of classroom objects. • Y3: Weigh objects in grams/kg, add/subtract masses. • Mixed: Mass estimation station.	• Balance scales, weighing scales, cubes. • [White Rose Mass & Capacity Y2](https://whiteroseeducation.com/resources/primary/primary-maths/year-2/mass-capacity) • [White Rose Mass & Capacity Y3](https://whiteroseeducation.com/resources/primary/primary-maths/year-3/mass-capacity)	Y2: Which is heavier: a book or a pencil? Y3: A bag weighs 2kg, another 500g. What is the total mass?	Y2: Confident comparing and measuring mass. Y3: Confident adding and subtracting mass in g/kg.	• Y2: Prove which classroom object is heaviest. • Y3: Create a two-step word problem involving mass.
Week 8 – Y2 Summer Block 3 Step 4–6: Compare volume; Measure in ml/l Y3 Summer Block	Y2 NC: Choose and use appropriate standard units to	• Y2: Use measuring jugs to compare water levels. • Y3: Measure liquids in ml/l,	• Measuring jugs, containers, water/sand. • [White Rose Mass & Capacity Resources](https://whiteroseeducation.com/)	Y2: Which container holds more, cup or	Y2: Confident measuring and comparing volume/ca	• Y2: Investigate which container holds the most water. • Y3: Prove two different

3 Step 4–6: Capacity – Measure, compare, add and subtract capacity	measure volume/capacity. Y3 NC: Measure, compare, add and subtract volume/capacity (ml/l).	add/subtract amounts. • Mixed: Water investigation station.	• [NRICH Capacity Activities](https://nrich.maths.org/primary)	jug? Y3: A jug has 2l, 750ml is used. How much remains?	pacity. Y3: Confident adding and subtracting volume/capacity.	containers can hold the same total capacity.
Week 9 – Y2 Summer Block 4 Step 1–3: Shape – Describe position, movement, turns Y3 Summer Block 4 Step 1–3: Shape – Turns and angles; Right angles in shapes	Y2 NC: Order and arrange combinations of mathematical objects in patterns and sequences. Y3 NC: Recognise angles as a property of shape or	• Y2: Give and follow instructions using turns and directions. • Y3: Identify right angles in classroom/2D shapes, classify shapes. • Mixed: Partner robot game (give	• Arrow cards, shape cut-outs. • [TopMarks Direction Game](https://www.topmarks.co.uk/maths-games/position-and-direction) • White Rose Shape resources.	Y2: Describe a square turn. Y3: How many right angles in a rectangle?	Y2: Confident describing position, movement, turns. Y3: Confident identifying right angles in shapes.	• Y2: Create your own shape pattern with turns. • Y3: Prove whether all quadrilaterals have 4 right angles.

	description of turn.	turn instructions).				
Week 10 – Y2 Summer Block 4 Step 4–6: Describe movement and turns; Make patterns with shapes Y3 Summer Block 4 Step 4–6: Horizontal, vertical, perpendicular lines; Parallel lines	Y2 NC: Order and arrange mathematical objects in patterns and sequences. Y3 NC: Identify horizontal, vertical, perpendicular and parallel lines in shapes.	• Y2: Create repeating patterns using shapes and turns. • Y3: Identify and draw parallel/perpendicular lines in 2D shapes. • Mixed: Outdoor movement game using turns.	• Shape cut-outs, chalk for playground. • [NRICH Shape Patterns](https://nrich.maths.org/primary) • White Rose Shape worksheets.	Y2: Continue a pattern using turns. Y3: Draw a shape with parallel lines.	Y2: Confident describing movement and making patterns. Y3: Confident identifying line types in 2D shapes.	• Y2: Create your own sequence pattern with turns. • Y3: Prove whether a rectangle always has parallel lines.
Week 11 – Y2 Summer Block 5 Step 1–3: Mass, capacity & temperature – Compare mass, volume; Measure	Y2 NC: Choose and use standard units to measure mass,	• Y2: Use scales and thermometers to measure. • Y3: Solve problems adding/subtra	• Scales, jugs, thermometers. • [White Rose Mass & Capacity Resources](https://whiteroseeducation.com/) • [NRICH	Y2: Measure water in a jug. How many ml?	Y2: Confident measuring mass, capacity, temperature.	• Y2: Find an object heavier than 1kg. • Y3: Prove that 1,000ml = 1l.

in g/ml/°C Y3 Summer Block 5 Step 1–3: Measure, compare, add and subtract mass/capacity/temperature	capacity, temperature. Y3 NC: Measure, compare, add and subtract mass, capacity, temperature.	cting mass, capacity, temperature. • Mixed: Estimation station (mass, capacity, temperature).	Measurement](https://nrich.maths.org/primary)	Y3: A jug has 2l, 500ml is poured out. How much remains?	Y3: Confident solving problems with mass, capacity, temperature.	
Week 12 – Y2 Summer Block 5 Step 4–6: Temperature; Compare volume and capacity Y3 Summer Block 5 Step 4–6: Measurement investigations – Mass, capacity, temperature	Y2 NC: Compare and sequence mass, capacity, temperature. Y3 NC: Apply knowledge of measurement in	• Y2: Compare classroom temperatures, read thermometers. • Y3: Investigate capacity and temperature in experiments. • Mixed:	• Thermometers, measuring jugs. • [TopMarks Measurement Games](https://www.topmarks.co.uk/maths-games/5-7-years/measures) • White Rose resources.	Y2: What temperature is shown? Which container holds more? Y3: A container holds 3.5l. 1.2l is remove	Y2: Confident comparing temperature, volume, capacity. Y3: Confident solving practical problems in measurement.	• Y2: Record temperatures over a week and describe changes. • Y3: Design your own investigation involving capacity.

	practical problems.	Measurement carousel.		d. How much left?		
Week 13 – Y2 Summer Review: Fractions, Time, Mass, Capacity & Temperature, Shape Y3 Summer Review: Fractions, Time, Mass, Capacity, Shape	Y2 NC: Review and consolidate Summer objectives. Y3 NC: Review and consolidate Summer objectives.	• Mixed revision activities. • Problem-solving investigations. • Group quizzes.	• [White Rose End-of-Block Assessments](https://whiteroseeducation.com/) • [NRICH Investigations](https://nrich.maths.org/primary)	Y2: Mixed fluency and reasoning questions. Y3: Multi-step word problems.	Y2: Secure understanding of Summer objectives. Y3: Secure understanding of Summer objectives.	• Apply knowledge in cross-topic investigations. • Write your own word problem.
Week 14 – Y2 Summer Assessment & Investigation Week Y3 Summer Assessment &	Y2 NC: Assess Summer coverage. Y3 NC: Assess Summer coverage.	• Formal assessments. • Open-ended investigations. • Team maths challenge.	• White Rose end-of-term assessments. • NRICH open investigations.	Y2: White Rose assessment questions. Y3: White	Y2: Summative assessment of Summer objectives. Y3: Summative assessment	• Complete an extended investigation involving multiple topics. • Present findings to the class.

Investigation Week				Rose assessment questions.	of Summer objectives.	