📏 Monday – Estimating and Comparing Lengths

Big Idea: Estimation helps us describe and compare lengths when we don’t have tools.

🟢 Mild: Draw three objects in your notebook (e.g., pencil, shoe, desk).
➡️ Estimate each length in centimetres (cm).

🟡 Medium: Order your three objects from shortest to longest and record the estimated lengths beside them.

🔴 Spicy: A pencil is about 18 cm long. Estimate the total length of 5 pencils lined up.
➡️ Explain whether you’d round up or down when estimating.

⚖️ Tuesday – Reasoning About Mass

Big Idea: We can reason about mass by comparing to familiar benchmarks.

🟢 Mild: A paperclip has a mass of about 1 gram.
➡️ Estimate how many grams a glue stick might weigh.

🟡 Medium: A math textbook has a mass of about 1 kilogram.
➡️ How many glue sticks (1 g each) would weigh about the same as a textbook?

🔴 Spicy: A student estimates a backpack's mass to be 10 kg.
➡️ What items might make this a reasonable estimate?
➡️ What would make it unreasonable?

💧 Wednesday – Understanding Capacity and Decimals

Big Idea: We use litres (L) and millilitres (mL) to measure capacity, and decimals help us describe partial amounts.

🟢 Mild: A juice box holds 250 mL.
➡️ How many juice boxes would fill a 1 L bottle?

🟡 Medium: A water bottle holds 0.75 L.
➡️ How many millilitres is that?

🔴 Spicy: A container holds 2.5 L of liquid.
➡️ Explain how you could represent this in millilitres and using a decimal.

🔁 Thursday – Converting Units of Measurement

Big Idea: We can describe the same measurement in different ways by converting between units.

🟢 Mild: Convert 50 cm to metres.

🟡 Medium: Convert 2.3 m to centimetres.

🔴 Spicy: Write your own conversion question that includes decimals (for example, changing 1.45 m into cm).
➡️ Solve it and show your work.

🎯 Friday – Precision vs. Estimation in Real Life

Big Idea: Knowing when to estimate and when to be precise helps us solve problems efficiently.

🟢 Mild: Sketch an object that you would estimate the length of rather than measure exactly (like a hallway).
➡️ Write your estimate and unit.

🟡 Medium: Describe a situation where you would need a precise measurement (like cutting wood or baking).
➡️ What unit would make the most sense?

🔴 Spicy: Write or sketch a measurement mix-up (for example, someone misreads cm as mm).
➡️ Explain what went wrong and how better unit choice or estimation could fix it.