

Peregrine Class Maths Homework Menu

Real Life Contexts

- Practise telling the time as often as possible. Use analogue and digital clocks around your house to tell the time and to time various activities. E.g. boiling an egg!
- Practise adding, subtracting, multiplying, dividing exchanging and rounding money in real life scenarios. E.g. how much more you need to save for something and how many weeks of pocket money it will take.
- Find 2D and 3D shapes, angles, horizontal, vertical, parallel and perpendicular lines around your house and in nature
- Measure mass, capacity, length, area and perimeter in real life contexts such as baking or DIY.
- Find fractions (Y4) and percentages (Y5) in real life contexts e.g. 10% off when shopping
- Practise rounding numbers for real life purposes

Key Skills and Fluency

- Practise times tables as often as possible. Maybe try Times Table Rock Stars
- Practise mental calculation of all four operations. Countdown is great for this! <http://www.primaryhomeworkhelp.co.uk/maths/countdown/index.htm>
- Practise deriving facts from known facts. How many can you find? e.g. If I know $5 \times 7 = 35$ then $50 \times 7 = 350$ $5 \times 70 = 350$ $10 \times 7 = 70$ etc.
- Practise finding faster routes to multiplication answers e.g. if I know $10 \times 8 = 80$ then I know $9 \times 8 = 72$ ($80 - 8$)

Reasoning and problem solving

- Practise problems with more than one answer where children would have to work systematically to find all the answers e.g. A safe keypad has 4 working buttons (3, 5, 7 and 9) Can you find all the possible combinations that would open the safe? How do you know you have them all?
- Practise solving real life practical word problems with more than one step.
- Practise scaling problems e.g. A recipe for a 12 cakes needs 300g flour. How much flour would I need for 36 cakes?
- Practise correspondence problems e.g. If I have 4 shirts and 3 pairs of trousers and 2 pairs of shoes, how many different outfits can I make? (Children may want to draw out this type of problem)