

MATHS Learn at Home packs: Year 6, Week 8

These notes are intended for teachers who are using these materials to teach their class using any form of online file sharing/group chats/ video calls etc.

The 'timetable' for this week's teaching and learning is as follows:

- **Day 1** – In the *Learning Reminders*, children are shown two pie charts which they are asked to interpret and compare. They look at more pie charts and interpret them, in both practice and mastery questions.
- **Day 2** – *Provide some teacher input*, using the PowerPoint presentation* on constructing pie charts. If children can access this, they *hear* the process step-by-step. They practise this skill on the practice sheet. If they have a protractor at home, there is a more challenging activity to give further practice.
- **Day 3** – Children work through *Learning Reminders* to find the mean of a set of numbers. Practise finding the mean score of dice rolls. Encourage them to tackle the investigation. If they're stuck, they throw rolled socks around!
- **Day 4** – Children find the mean of a group of numbers, this time using a calculator to give a decimal answer.
- **Day 5** – *Provide some teacher input*, using the PowerPoint presentation* on fractals. If accessed, they will *see* and *read* detailed notes on fractals being created. Encourage them to search online for fractals in nature. Children are given instructions for a choice of two fractals to create themselves. This should be a fun and creative end to the week!

Day 1 – Study and interpret pie charts.

Day 2 – Study, interpret, then construct pie charts.

Day 3 – Understand how we can find the mean of a range of numbers.

Day 4 – Revise what the mean is; find the mean of a range of numbers when we use a calculator to give a decimal answer.

Day 5 – Explore and create fractals.

Structure of materials:

	PowerPoint lesson	Learning Reminders	Practice Sheet(s)	Problem solving task	A bit Stuck?	Check your understanding
Day 1		✓	✓		✓	✓
Day 2	✓	✓	✓	✓	✓	
Day 3		✓	✓	✓	✓	
Day 4		✓	✓		✓	✓
Day 5	✓	✓		✓		✓

*PowerPoint presentations are provided. You can use your phone to film yourself going through these on a laptop. OR parents and children can access them at home, preferably in PowerPoint but also as images on a tablet. You can then talk these through. Or you may have a clever online way, perhaps through the school's website, of sharing these presentations with children at home.