Maths week 11: complex patterns

Below I have provided a week’s worth of activities. This includes things to practise regularly and three activities to complete throughout the week. Each activity also has a push it (extension) activity to follow on if you feel your child needs this, this can be done on the same day or the next. If there is a resource to go with the activity I have noted in brackets alongside the activity. If you haven’t got access to a printer, I have tried my best to make/select worksheets than can easily be made at home.

Each day practise:
(you do not have to practise all of these each day, but they are great warm up/starter activities)
- Counting in 2’s and 10’s.
- Recognising numbers to 20 using flash cards. You could make these together to encourage number formation too.
- Sorting odd and even numbers using; numicon, dominos, flash cards, coins, cubes. Or anything you have available
- Ordering objects by weight, length or capacity.

Activity 1:
Who enjoys Elmer the Elephant stories? This week I would like you to colour in Elmer the Elephant. You can use as many or as few different colours as you like. However, there is one rule... the same colour cannot be next to each other (see resources).

Push it: Can you make a 3d version of your Elmer? (see the picture included). You need an empty milk bottle and either paper, tissue paper or sharpies. Enjoy!

Activity 2:
Have you been enjoying the 2do’s on purple mash? This week I would like you to do the 2do I have set on the 2beat activity. You have had tasks on this activity before, but this time I would like your beat to be a repetitive pattern.

Push it: Now you have done your 2beat repetitive pattern can you make a pattern with instruments at home? Don’t worry if you don’t have any instruments you can bang pots and pans, shake tubs with rice or pasta in, clap and even whistle.

Activity 3:
Complete the repeating fruit pattern (see resources), similar to the shape activity you did last week.
Push it: Design your own fruit kebab, make sure you follow a pattern. Once you have designed your fruit kebab can you make it? You will need some help from an adult but can you use kitchen tools/utensils safely?