

Math -patterns in numbers and shapes

Description

The children have been challenged to recognize and follow patterns in number and shape sequences. The students are expected to follow the pattern rule to extend the sequence. They are asked to find the core of a pattern and continue repeating that core group of shapes or numbers with accuracy. Quite often the children notice repeated core patterns in music while studying this unit. These skills help develop number sense and are developed further each school year.

The following descriptive feedback was accompanied by a number of pictures of the student working as well as their written work posted in an electronic portfolio. In addition, the learning intentions were also referenced. The students were given an opportunity to reflect on their learning as well providing student voice.

Descriptive Feedback

Student name, you are needing a bit of help to explore counting on to add numbers in a pattern and counting back to subtract. It is sometimes hard for you to remember the names of numbers that you see. 18 and 19 seem especially challenging when you are counting down from a number in the twenties.

It might help to play dice games at home where you start with a number like 20 written on a piece of paper. You then roll a die and subtract that number from 20 in your head. Write down your answer then make a new question starting with 20. A game like this is quick and fun as well as good for practising your math facts.

Student name, you need to have a little extra guidance as you do each math page. It is sometimes hard for you to figure out what you are supposed to do. After a little help, you use your hundred board, popsicle sticks, number line or fingers to help you find the answers. You are working to answer more questions each day.