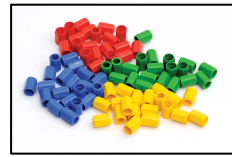
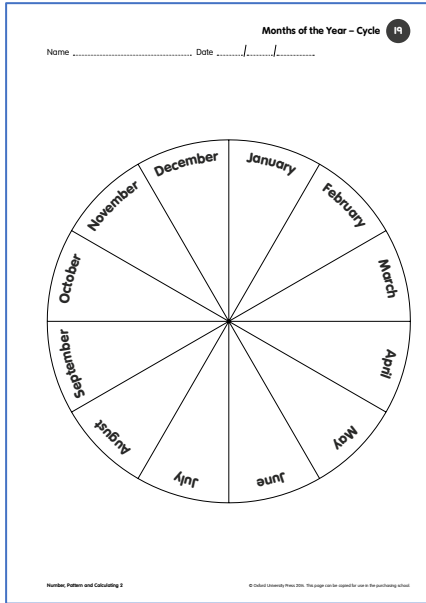

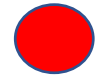




Activity cards for
NPC 2
Pattern and
Algebra 1

Growing Patterns

A

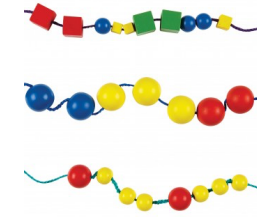
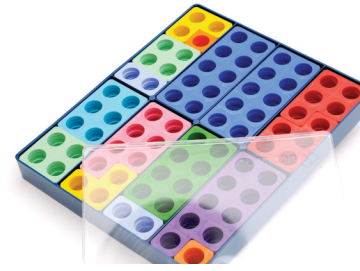


-  Cold weather in Winter
-  Rainy weather in Autumn
-  Rainy weather in Spring
-  Hot weather in Summer



1. Use pegs, or counters.
2. Put them into the segments of the months to describe the weather
3. Draw the symbols to replace the pegs
4. Cut out the circle. Spin the year! Glue it into your book.

B

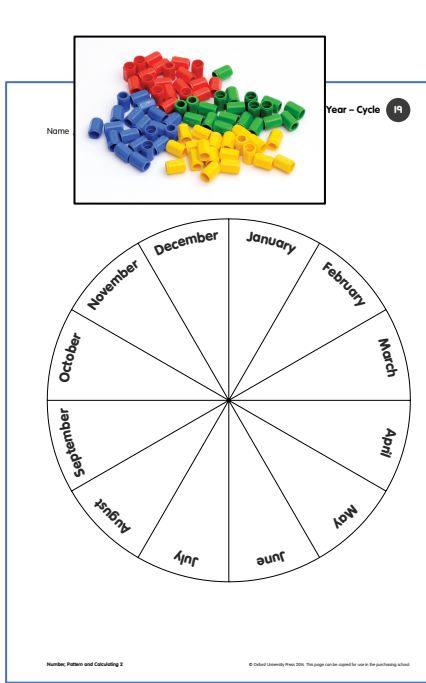






Coloured
pencils

Exercise
book

1. Create your own patterns in lines
2. Then draw them in your book.

A

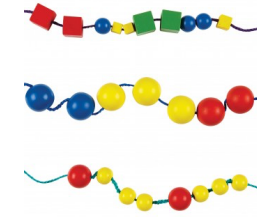


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1. Use pegs, or counters.
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B

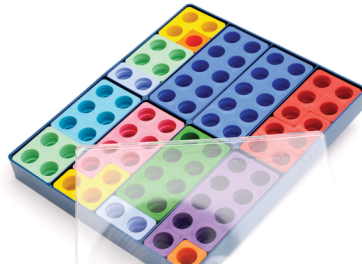
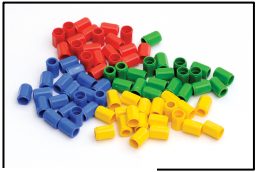


Coloured
pencils

Exercise
book

1. Create your own patterns in lines
2. Then draw them in your book.
3. Now create them in circles as you would for necklaces

C



1. Make this pattern. 1, 2, 1, 2, 1, 2, ...
2. Make this pattern. 1, 2, 3, 1, 2, 3, ...
3. Make this pattern. 1, 2, 1, 2, 2, 1, 2, 2, 2, 1, ...
4. Make this pattern. 1, 2, 3, 3, 2, 1, 1, 2, ...
5. Now make up your own symmetrical patterns and write the patterns down using numerals
6. Can you make a circular pattern and name the pattern?

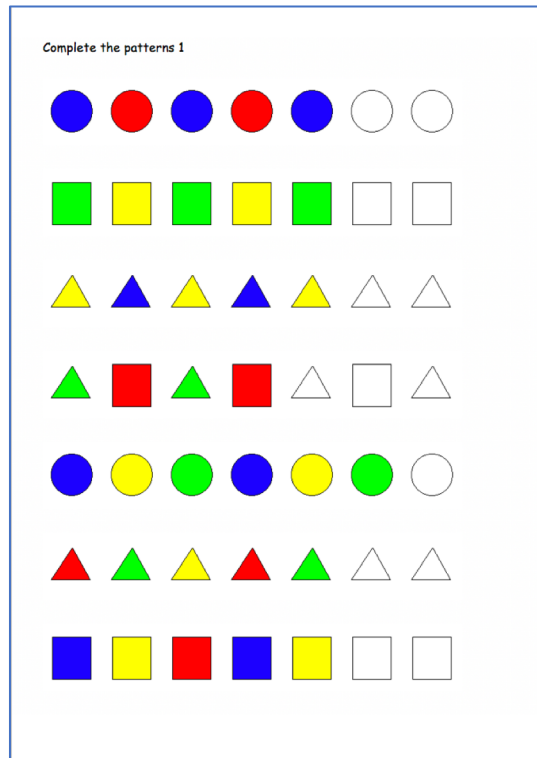
D



0	1	2	3
4	5	6	7
8	9	10	11
12	13	14	15
16	17	18	19
20	21		

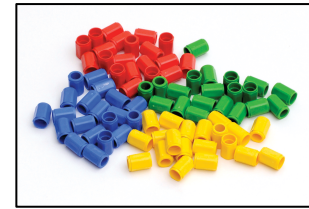
1. You will also need coloured pencils and your book.
2. Build patterns that grow by 2, beginning at 1. Label them with the cards.
3. Draw the patterns in your book.
4. Build patterns that grow by 2, beginning at 2. Label them with the cards.
5. Draw the patterns in your book.

CC



1. Complete the patterns, then name them with numerals
2. Draw and number them in your book.

DD



0	1	2	3
4	5	6	7
8	9	10	11
12	13	14	15
16	17	18	19
20	21		

1. You will also need extra 1- shapes, coloured pencils and your book.
2. Put the shapes in order from 1 - 20
3. Add a 1-shape, beginning at 1. Label the new numbers with the cards.
4. What do you notice?
5. Draw the patterns in your book.