

Cross-curricular Ideas

Art, Design & Technology

Create a repeat pattern

like this: Divide a large sheet of paper into sixteen equal squares. Make a repeat pattern using two designs, e.g. in the first line of squares draw sun, tree, sun, tree. In the second line change the order and draw tree, sun, tree, sun. Repeat those for the third and fourth lines. Then try it with a larger piece of paper, more squares and a more complicated repeated design.

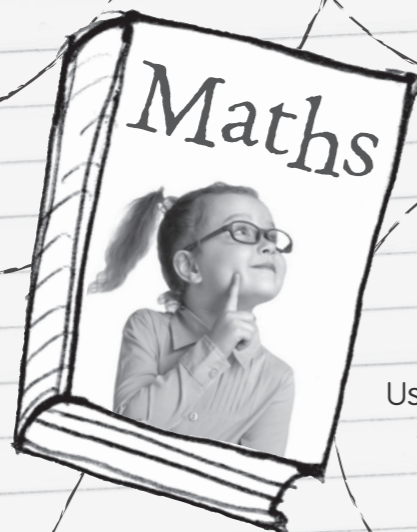
Cut out some large number outlines. Design a pattern

for each one using different colour combinations for odd and even numbers, e.g. greens and yellows for odd numbers; pinks and purples for even numbers. Make a class collage of your number designs.

Try making patterns

on a hundred square by colouring in every 5th square from 1 to 100. Use your favourite colour. Discuss what you notice about the pattern. What happens if you choose a different number? Try predicting what will happen before you make the pattern.

Make hats for the soldiers to wear in your presentation.



Geography

Read *We all went on Safari* by Laurie Krebs and Julia Cairns. It is a counting journey through Tanzania and teaches you how to count in Swahili.

Research how counting sounds in different languages. Does someone in your family speak a different language? See how many different languages your class can find out how to count to 10 in. Find out where some of these countries are on a map.

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Music

In the presentation, the soldiers are called to the cookhouse with a bugle. The British Army has a lot of bugle calls that were used to send messages to the soldiers to let them know things like wake-up time or time for lights out. **Listen to some British Army bugle calls on YouTube.**

Learn the songs for the presentation.

Make yourself a bugle out of a cardboard cone and invent some bugle calls for your class to obey. The soldiers often used drum beats to go with their bugle calls – could you do this too?

English

Make lists of words that rhyme with numbers, e.g.

One rhymes with **fun, done, sun, run** etc.

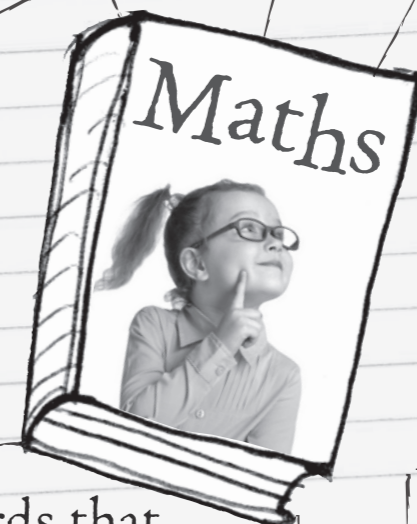
Two rhymes with **shoe, who, blue, stew, few** etc.

Make some number rhymes of your own.

Write numbers using words

instead of numerals. Find out how the word changes when a number is used to explain a position, e.g. ten/tenth. We call these ordinal numbers. Some of them are quite tricky!

Working with a friend, write a story about some children in a race and use as many of these ordinal numbers as you can.



Science

Research measurement.

Find out about as many different instruments used for measuring as you can.

Some have strange names: an anemometer is used for measuring wind speed.

A thermometer is used to measure temperature.

A barometer measures air pressure. Make a class book about the things we use for measurement.