

# BADGERS HOME LEARNING

## CHALLENGE 1 - SCIENCE

Find two mixtures at home (e.g., salt in water, cereal in milk, sand in soil, pasta in water). Write or draw what the mixture looks like. Then explain how you could separate the different parts.

Challenge: Choose one mixture and try separating it (with an adult's permission). Write down what happened, what worked well, and if anything surprised you.

## CHALLENGE 2 - HISTORY

Research one important invention from the Anglo-Saxons or Vikings. Write a short explanation (half a page) about what it was, how it worked, and why it was important.

Challenge: Compare this invention with something we use today. How has it changed? What stayed the same?

## CHALLENGE 3 - ART

Choose an everyday object from your home (like a shoe, a fruit, or a cup) and make a careful pencil sketch of it, paying attention to size and shape.

Challenge: Add shading to show where the light falls on the object and to give it a 3D effect.

## CHALLENGE 4 - PE

Design a 10-minute warm-up routine that someone could do before sport or exercise.

Draw pictures or write instructions for at least 5 movements (e.g., stretches, jogging on the spot, star jumps).

## CHALLENGE 5 - RE

Write a short reflection (about half a page) on a value that is important to you (e.g., kindness, honesty, respect).

Explain why it matters to you and how you try to show it in daily life.

## CHALLENGE 6 - MUSIC

Clap or tap a simple 4-beat rhythm (e.g., ta ta ti-ti ta) and write it down using words, symbols, or music notes. Then repeat it three times without stopping. Create a second rhythm and combine the two together. Can someone in your family clap one while you clap the other?

Homework due in every Wednesday.

Complete one challenge a week in any order. Up to 5 house points for your house per challenge (with a total of 30 house points to earn per half term!)

