

# OWLS HOME LEARNING

## CHALLENGE ONE

### Science – Electricity and Circuits

Homework Challenge: “Circuit Creator”

Draw and label a simple electrical circuit including:

- Battery
- Wires
- Bulb or buzzer

Explain how the circuit works.

Stretch Challenge:

Explain why a circuit might not work (e.g., broken circuit, missing component).

## CHALLENGE TWO

### History – The Sikh Empire

Homework Challenge: “Life in the Sikh Empire”

Create a fact file about the Sikh Empire. Include:

- Who ruled (e.g., Maharaja Ranjit Singh)
- Where it was located
- What life was like

Stretch Challenge: Explain why the Sikh Empire was important in history.

## CHALLENGE THREE

### PE – Cricket

Homework Challenge: “Cricket Skills in Action”

Choose one skill (batting, bowling, or fielding).

Draw and explain how to perform it step by step.

Stretch Challenge: Explain when you would use this skill during a game.

## CHALLENGE FOUR

### RE – What Happens When We Die?

Homework Challenge: “Big Question Thinking”

Write a short response to the question: What do you think happens when we die?

Include:

- Your own ideas
- One belief from a religion you have studied

Stretch Challenge: Compare two different religious beliefs about what happens after death.

## CHALLENGE FIVE

### PSHE – Economic Wellbeing

Homework Challenge: “Smart Spending”

You have £15 to spend. Plan what you would buy and what you might save.

Explain your choices.

Stretch Challenge: Explain why budgeting is important and how it helps people.

## CHALLENGE SIX

### Art – Architecture

Homework Challenge: “Design a Building”

Design your own building (e.g., house, school, museum).

Draw and label:

- Shape
- Materials
- Special features

Stretch Challenge: Explain how your building is strong and suitable for its purpose.

## CHALLENGE SEVEN

### Music – Composition (Festival of Colour)

Homework Challenge: “Colour in Sound”

Create a short piece of music inspired by colour (e.g., bright, calm, exciting). You can clap, sing, or use instruments. Explain how your music represents colour.

Stretch Challenge: Use changes in dynamics, tempo, or pitch to show different colours or moods.

## CHALLENGE EIGHT

### Computing – Micro:bit

Homework Challenge: “Micro:bit Designer”

Design a simple program you could create using a Micro:bit (e.g., step counter, name display, game).

Draw or describe what it would do.

Stretch Challenge: Explain what inputs and outputs your program would use (e.g., buttons, lights, sensors).

## CHALLENGE NINE

### French – Visiting a Town in France

Homework Challenge: “Ma Ville”

Create a short description of a town.

Include:

- Places (e.g., la boulangerie, le parc, l'école)
- What you can do there

Stretch Challenge: Write 3–4 sentences in French using il y a and a connective (et, mais).

## BONUS CHALLENGE



### Bonus Cross-Curricular Challenge – “Then and Now: Technology & Life”

Homework Challenge: “Past vs Present”

Compare life during the Sikh Empire with life today. Include:

- Technology
- Buildings
- Daily life

Stretch Challenge: Explain which time period you would prefer to live in and why.