

# SQUIRRELS YEAR 4 HOME LEARNING

## CHALLENGE ONE

### DT

#### **Electrical Systems – Torches**

Design a torch for a special purpose.  
Describe the materials you would use, the type of switch, how it will be powered, safety features and how the design suits the user.

## CHALLENGE TWO

### French

#### **Shopping for French Food**

Ask your adults at home to help you write the weekly shopping list in French. Go to the shop and help get the correct items!

## CHALLENGE THREE

### PE

#### **World Cup Fever**

Play a football match at home (e.g. against a family member, a family game or skills challenge). Write a short report describing what happened, key moments and the final score.

## CHALLENGE FOUR

### Science - Making Connections

#### **How does food affect muscle fatigue?**

Carry out a quick investigation by timing how long you can hold your arms out straight before and after eating two different snacks. Which snack gave you the most energy?

## CHALLENGE FIVE

### Geography

#### **What are rivers and how are they used?**

Explain how rivers can have both positive and negative effects on people and the environment. Can you include examples such as flooding or pollution?

## CHALLENGE SIX

### Maths

#### **Time Detectives**

Track your day by recording your daily activities, can you create a schedule of your day? Add in the total (approximate) time you spend on each activity.

## CHALLENGE SEVEN

### Music

#### **Adapting and Transposing Motifs - Romans**

Can you make a musical motif that sounds like a mysterious temple?

## CHALLENGE EIGHT

### PSHE

#### **Economic Wellbeing**

Research some different careers that you might be interested in. Create a report sharing what you have found out and if anything has particularly inspired you!

## CHALLENGE NINE

### English

#### **Reading**

Create a campaign celebrating the benefits of reading to encourage more people to do so.

