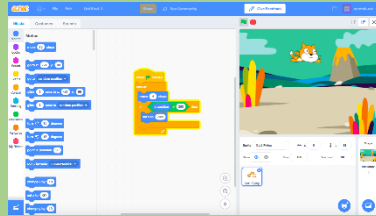


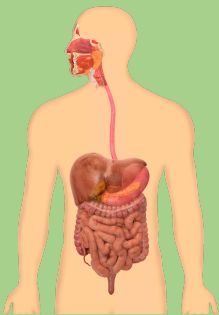
# What are we learning this half term?

Autumn 2  
Farah – Year 4

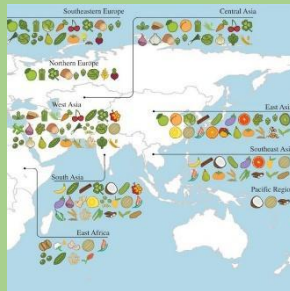
## Programming with Scratch



## Electricity and Circuits



## Where does our food come from?



## English

### Core Text - Fiction:

#### Wif Road

- To write a portal story

### Non-fiction:

#### The Journey of a Banana

- To an explanation text

### Poetry:

#### Talking Turkeys by Benjamin Zephaniah

- To write a poem

## Maths

### Addition and subtraction:

- Add and subtract 1s, 10s, 100s and 1,000s two 4-digit numbers
- Add two 4-digit numbers - no, one or more than one exchange
- Subtract two 4-digit numbers - no, one or more than one exchange

### Area:

- To investigate area
- To count squares when working out the area of a 2-D shape
- To compare areas of 2-D shapes
- To make 2-D shapes with different areas

### Multiplication and division:

- To multiply and divide by 3, 6, 9, 7, 11, 12, 1 and 0
- To recall my 3, 6, 9, 7, 11 and 12 multiplication and division facts
- To divide a number by 1 and itself
- To multiply 3 numbers (for example  $5 \times 2 \times 6$ )

## Geography

### Topic: Where does our food come from?

- Explain the impact of food choices on the environment
- Understand the importance of trading responsibly
- Describe the journey of a cocoa bean
- Map and calculate the distance food has travelled
- Design and use data collection methods to find where our food comes from
- Discuss the advantages and disadvantages of buying both locally and imported food

## Science

### Topic: Digestion and Food

- Describe the function of the human digestive system
- Recognise the different types of human teeth and their roles in eating
- Describe real observation methods and evidence collected
- Explain how to care for our teeth
- Plan an enquiry by considering which variables should be changed, measured and controlled
- Recognise that differences in teeth relate to an animal's diet
- Recognise producers, predators and prey in food chains
- Recognise that animal faeces can give us clues about digestion, teeth & diet

## Design Technology

### Topic: Textiles: Fastenings

- Explain the advantages and disadvantages of different types of fastening type
- Design a product to meet design criteria
- Make and test a paper template
- Assemble a book jacket

## Computing

### Topic: Programming 1: Scratch

- Recall the key features of Scratch
- Understand how a Scratch game works by using decomposition to identify key features
- Recognise what a variable is
- Understand how to make a variable in Scratch
- Create a quiz using variables

## PSHE

### Topic: Health and Wellbeing

- Understand how we can look after our teeth.
- Understand what relaxation feels like and to know that relaxation techniques can be used anywhere.
- Develop a growth mindset and understand that mistakes are useful.
- Identify individual strengths and begin to see how they can affect others.
- Identify what is important to me and to take responsibility for my own happiness.
- Understand a range of emotions.

## Music

### Topic: Rock and Roll

- Understand the history of rock and roll music
- Perform with a sense of style
- Play a walking bass line on tuned percussion
- Play a rock and roll bass line
- Play a rock and roll piece of music

## PE

### Topic: Games: Invasion: Handball - Communication & Tactics

- Refine passing and receiving
- Develop passing, creating space, moving, and shooting
- Practice defending skills
- Play in an in-class tournament
- Work as a team to solve physical challenges

## RE

### Topic: What makes some texts sacred?

- Recognise how religious ideas can be communicated without written words.
- Evaluate information about Buddhist, Hindu and Sikh scriptures.
- Explain why some religions have multiple scriptures.
- Evaluate the significance of religious scripture to some people.
- Describe the importance of scripture to some people.

## Home Learning

Please continue to support your child at home with the following:

- Weekly Maths
- Weekly English
- Daily Reading
- Weekly Spellings
- MyMaths
- TTRockstars

## French

- Clothes - getting dressed in French