

Sedlescombe Church of England Primary School

Topic Overview Year 5 - Term 4

Scream Machine



TRIPS AND EVENTS

- 3D printing
- Parents' visit

RELIGIOUS EDUCATION

In RE we will be learning about Easter. We will be finding out about the events of the Easter story from the Last Supper, through to the Resurrection. We'll use art and 'The Stations of the Cross' as a starting point for this. Children will be focusing on the question- What did Jesus do to Save Human Beings? We will be considering the key theme of Salvation.

RELATIONSHIPS, SEX AND HEALTH EDUCATION

This term, with our Jigsaw friend Jez, children will be learning about what they can do to stay healthy,

This will include work on making healthy choices about diet and exercise, as well as statutory advice on smoking and alcohol, seeking emergency aid and fostering a positive body image.



P.E. LESSONS

- We have three weeks left of our dance lessons with Charlotte, then we will have sessions on a Monday afternoon and Tuesday morning.
- Please ensure children have a full PE kit including warmer clothes for when we are outside.

Roll up, roll up! Let's learn about the science behind roller coasters. Let's design a theme park and show our ideas on a digital map. Testing, testing! Time for some mini investigations. Cam mechanisms, pendulums, pulleys and prototypes. Let's go behind the scenes to see forces at work. Good news! The engineers at 'Scream Towers' love your work and want you to build a death-defying new drop ride for a theme park. Make a working model and test it out with uncooked eggs. Cracking stuff! Okay, ready to ride? Don't forget to scream if you want to go faster!

In Science we will be finding out about: Forces & Materials

- Children will be learning about a variety of the forces, which can be seen in action at a theme park.
- They will experiment with recreating some of these forces.
- Children will be set tasks to create rides based on their ideas using Tinkercad.
- Children will also be investigating properties and their materials.
- They will be comparing and grouping everyday materials.
- Investigating solids, liquids and gases.
- Understanding dissolving, mixing and changes of state, recognising changes that are reversible.

In DT we will be finding out about: Mechanical Systems

- Children will also be learning how to create CAD designs on Tinkercad and will have the opportunity to print using a 3D printer, which I have organised for the class.

In Music we will be finding out about: Raps

- This term's learning will be focused around the song 'Fresh Prince of Bel Air' by Will Smith.
- We will link this to our topic with children creating their own Raps to represent their rides and parks.

In PE we will be finding out about: Striking and fielding

- Children will be learning and understanding, building and practicing skills that they will use in striking and fielding games such as softball, cricket and rounders.

In Humanities we will be finding out about: Maps

- This term we will be exploring maps of theme parks, comparing them in a variety of ways. We will also be planning journeys and routes to theme parks.

In Computing we will be finding out about:

- Children will be learning about photograph editing. They will experiment with different programmes to create different effects.
- Children will also be creating digital maps of their theme parks and carrying out research online.

ENGLISH



This term will be looking at various books that have a fairground and engineering concept. Our key text—*Sisters of the Lost Marsh*, is full of mystery, myths and suspense - giving us a dark and uneasy feeling, which is perfect for our 'Scream' topic.

On a poor Kentish farm, six sisters - Grace, Willa, Freya, and triplets Deedee, Darcy, and Dolly - live in fear of their father. Their beloved grandmother tries to protect them, but the future seems bleak.

When the Full Moon Fayre makes a rare visit to Hollow-in-the-Marsh, the girls slip out to see the famous Shadow Man, an enigmatic puppeteer. Afterwards, the oldest sister Grace is missing.

Can twelve-year-old Willa save her sister from one fate and yet outrun her own?

We will be focusing on our creative writing, learning new vocabulary to enhance our work and including many elements of year five grammar.

MATHS

In our Maths Mastery lessons we will be focusing on decimal places and gaining an in depth understanding of tenths and hundredths and how to multiply and divide using them.

Following on from there will be inducing volume and multiplying with three factors. We will continue to practice questions that provides us with the opportunity to practice redistribution to improve our mental maths skills.

CALCULATION METHODS

ADDITION	SUBTRACTION	MULTIPLICATION	DIVISION
Column addition of whole numbers and decimal numbers	Column subtraction method using exchanging	Short multiplication method using exchanging	Short division method

CLASS ROUTINES:

HOMWORK:

In order to be in with a chance to be entered into the Year 5 raffle, children can do the following:

- Times Table Rocks Star—30 minutes a week (This is worth one raffle ticket - extra for those completing more)
- Spelling practice (Seven or more correct spellings will earn a raffle ticket)
- Reading
 - Four times a week—one ticket
 - Five times a week—two tickets
 - Seven times a week—two tickets and a special lunch with Mrs. Wahnon.
- A task from the optional homework grid (one raffle ticket and five party points)
- Additional focus tasks (grammar or maths based) to support learning (one raffle ticket and five party points)

COMMUNICATION:

Please feel free to pop me an email on swahnon@sedlescombecep.e-sussex.sch.uk if you have any concerns. Alternatively I am also available on the gate at the end of most days.