

Y5 SPRING 1:

SCREAM MACHINE



Roll up, roll up! You're going on a day trip to a theme park to soak up the unique sights, smells and sounds of the fair. Learn about the science behind roller coasters and write poems that are shaped as a loop the loop. Design your own theme park and show 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!

Spring 2 dates:

Tuesday 9th January - Back to school.

Thursday 8th February- Express Event- Parents Welcome.

Friday 9th February- Break up for half term.

Attendance and lates:

Please can we remind everyone of the importance of being on time in school. School opens at 8:40am and we encourage all children to be "On Time, In School" everyday so they can get the most out of their learning. Any child arriving after this time will be recorded as late. There is the possibility that children can attend breakfast club, which starts at 8:10am each morning. For further details regarding breakfast club please contact the school office.

Rights Respecting Schools Award:

At Thorntree, are continuing to teach children about respect and understanding different cultures through our Jigsaw PHSE and Rights Respecting Schools Award. Throughout the curriculum, pupils will learn all about different cultures and different ways of life and how they are similar or different to our own. We are really proud of the way the children interact during family group sessions every Friday.

Useful websites:

<http://thorntreeschool.co.uk/>

<https://tootoot.co.uk/>

<https://login.readingplus.com/>

<https://ttrockstars.com/login>

<https://twitter.com/trthorntree>

<https://marvellousme.com/>

English

Y5 will have the opportunity to write for a wide range of different purposes this half term. These include: stories based on experiences at the theme park, newspaper reports and biographies of Walt Disney . Afternoon topic writing sessions will see use find out more about forces and how roller coasters work.

Guided reading sessions will focus on our new class novel: The Many Worlds of Albie Bright

Maths:

Children will consolidate their knowledge of statistics this half term. In addition, we will move on to look at developing our understanding of time and timetables through a series of deepened learning opportunities.

During Marvellous Maths, we will be continuing to work hard on our times tables and getting used to our new and exciting concept boards.

Science:

This half term, we are going to be investigating the effect forces have on Earth and us. Through a series of experiments, we will investigate gravity, air resistance, buoyancy and friction.

Topic:

This half term, we are going to look at:

- * Locating theme parks around the UK/World.
- * Design and build rides suitable for theme parks.
- * Roller coaster pop up art



PE:

PE will take place on Wednesday and Thursday afternoons. We are lucky to have a boxing expert in Y5 this half term. Please ensure that kit is in school for these days. This is very important as we have limited spares for children to use. PE kits should be washed at the end of every week and returned to school on a Monday. Please ensure your child's name is written in their PE kit. May we remind you that a PE kit consists of a white t-shirt, black shorts and plimsolls.

Homework:

Topic homework: Our new homework scheme is up and running. Please remember, some evidence of homework is expected every Monday. Homework club is available to all children every Thursday.

Spellings: A weekly spelling activity will be sent home to consolidate the week's spelling rule.

Home reading books: We would like children to bring their home reading record to school each day. In Y5, we expect children to be reading for a minimum of 10-15 minutes at least 3 night per week.

Express Event:

At the end of the half term, we would like to invite all parents/guardians to our express event celebrating the end of our topic. The event will take place in the main hall and will include fairground games, hot dogs and popcorn. We look forward to seeing you there!