

# Engage



Find out all about different types of fair ground rides, present your research and design and create a ride of your choice!

## Year 5 – Summer 2 SCREAM MACHINE

After finding out about the different types of fair ground rides, including information about the components, history, mechanisms and technicalities – we are going to be designing our very, own, Balliol fair ground ride! We are going to be learning all about forces and pulleys/levers and gears to make sure we understand how to make our fair ground ride work! We will be creating a model of our own designs and will be presenting this to the other Year 5 students and teachers of Balliol at a special expedition!

# Express



### The children will learn

#### English:

- Persuasion Report – Designing a Balliol Theme Park Ride!
- Explanation Text – Explanation of Forces
- Poetry – Appreciating a Famous Poet
- Class Story: Holes – Louis Sachar

#### Science:

- Gravity
- Bucket Spin Experiment (centripetal force)
- Float or Sink Experiment (buoyancy)
- Marble Loop Experiment (forces)
- Pendulum Experiment
- Pulleys and Levers

#### DT:

- Research, designing, making a model and presenting in an exhibition to the Year 5 teams and Mrs Youngman!

#### Other areas of learning:

##### Maths:

- Geometry Position and Direction
- Converting Units
- Volume

RE: Faith in Islam

Music: Djembe Drumming

##### PSHE:

Changing Me

##### French:

with Mme Kaler

##### Computing:

We Are Architects

P.E.: Cricket and Dodgeball

# Develop

