

KS2: Peasants, Princes and Pestilence & Scream Machine Kirtlington C of E Primary School



| 2 House Points | 3 House Points | 4 House Points | 5 House Points |
|---|--|---|---|
| Research the history of fairground rides, and create a PowerPoint presentation that includes information, timelines, pictures, film and sound clips | Make a flipbook animation of a roller coaster ride that includes a loop the loop. | Plan a trip to a local theme park for your family. Calculate how much it will cost, how long it will take to get there and write an itinerary for the day. | Use a technical construction toy, such as Lego Technic, Meccano or Fischer Technik to make a simple crane or beam crane with pulleys and nylon twine. Use a force meter to see how much force is required to lift a mass using different numbers of pulleys. |
| Become a pendulum on the swings at the park. Swing as high as possible and time how long it takes for you to slow down and stop completely. Time friends and family then identify patterns in your results. Do heavier people slow down more quickly? | Research and write a biographical account of Walter Elias Disney, animator and entrepreneur. Find the location of Disney theme parks around the world. | Explore your home and the surrounding area to look for machines, toys and other objects that use cams, gears, levers and pulleys. Take photos and create a montage of all the different mechanisms found. | Use the web to investigate mathematical data about a range of different theme park rides. Find information such as the ride's length, g-force, type and height. Use your data to create spreadsheets or charts, then interpret and find relationships and patterns. |
| Design a coat of arms for your family. What symbols would you use and what would they represent? What would be your family motto? | Research online to find information about roller coasters from around the world. Which is the oldest? The longest? The scariest? Record your results in a table. | Search your local library to find out if the plague of the 14th century affected a village or town near you. What information can you find out? | Write a letter to a child of the 21st century, imagining you are a peasant child of the 14th century. What could you tell them about your life? |
| Make a model rat out of papier mâché. Paint it to make it look realistic. Take a picture of your rat in different places but try not to scare anyone! | Create a word and phrase bank describing a fairground – you can include information about the lights, food, noises, and rides... | Use a map of the UK to identify castles of the Middle Ages. Make a scrapbook or journal to research facts about one of them. Be prepared to present your scrapbook to others. | Find out what happens when something decomposes. Place an apple core, orange or grape in a transparent container and watch as it decomposes. Document what happens. |
| I think I have earned _____ House Points. | | | |

The aim is to attempt at least one piece from each row and earn at least 15 house points.

Please highlight on the grid the tasks you are attempting and make sure they are clearly labelled when handed in, in your homework books. Please ask if you need extra information or resources. We hope you enjoy this homework project!