

### Spring Home learning challenge

Well done to all of the children that completed the home learning in preparation for this topic. These children will all receive a merit in their merit cards. In addition: If any children have managed to create their own Rube Goldberg machines at home we would love to see them. Email a video to [admin@langstone-inf.portsmouth.sch.uk](mailto:admin@langstone-inf.portsmouth.sch.uk) and we will do our best to share it with the other children. Thank you to the parents that have already sent videos in.

### Marvellous Machines

As you will already be aware from our Home Learning Challenge, this half-term our topic is entitled 'Marvellous Machines'

### Design Technology

During this topic we will be focusing on the Design Technology part of the year 1 national curriculum. We will be designing a product to catch a traditional tale villain. In order to achieve this, we will be exploring, making and evaluating our own Rube Goldberg Machines. We will be exploring and using different simple machines and mechanisms e.g. axles, pulleys, inclined planes. At each stage of our journey we will be evaluating and improving our machines.

### Who is Rube Goldberg?

RUBE GOLDBERG (1883-1970) was a cartoonist, an inventor, and the only person ever to be listed in Merriam-Webster's Dictionary as an adjective. Of the nearly 50,000 cartoons he drew in his lifetime, Rube is best known for the zany contraptions of Professor Butts. These inventions, also known as Rube Goldberg Machines, solved a simple task in the most overcomplicated, inefficient, and hilarious way possible.

Extract taken from the Rube Goldberg website April 2019

<https://www.rubegoldberg.com/rube-the-artist/>

### Other Curriculum areas

Please find below information about our learning in other areas of the curriculum.

As **readers and writers** we will be focusing on traditional tales. Talking about characters, settings and exploring the events that happen. We will be practising our sentence writing skills and continuing to focus on improving our handwriting and consistent use of punctuation. We will be trying hard to use suffixes and prefixes in our writing, for example: ing - walking, ed - jumped, er - stronger, est - meanest, un - unkind.

As **mathematicians** we will be recapping and deepening our understanding of numbers to 100. Developing our addition and subtraction skills further as well as revisiting multiplication and division. We will also be spending some time reviewing our understanding of the language involved in time. This will be achieved through activities involving comparing time, measuring time and solving time related problems. We will also be consolidating our knowledge on the days of the week and the months of the year.

As **computer scientists** we will be using software within our online Purple Mash subscription to create our own eBook stories. We will be learning how to add sound, images and animations, as well as recording our own narration for our books.

As **musicians** we will be listening to and evaluating a range of different music as well as creating our own musical accompaniment to songs using instruments.

In **PSHE** we will be learning about different emotions and how they affect us in our lives. We will be learning strategies for dealing with different emotions. We will be focusing on the emotions of happiness, anger, love, sadness as well as the affect our emotions can have on other people, especially if we respond to them in an inappropriate way.

In **Indoor PE** our focus is on dance and we will be learning to perform a new dance routine as a class.

In **outdoor PE** our focus will be on improving our ball skills and progressing on to striking a ball with a bat or racket so that we can learn to play a team game e.g. rounders.

### **Library Visits**

Year 1 will continue to visit the Lacey library on Tuesday afternoons in rotation. If you are available to help walk the children to the library, your help would be greatly appreciated. Please let your child's class teacher know.

The anticipated date of the next visit for each class is detailed below.

Class 5 - Tuesday 7th May 2019

Class 6 - Tuesday 14th May 2019

Class 4 – Tuesday 21st May 2019