

Class: 1

Year Groups: N/R/1/2

Autumn Term 1 2016

8 weeks

Connected Curriculum
Robots

Subject Areas

Art and Design Technology

Children will look at examples of robots and create their own drawings and will be encouraged to experiment with mark making, using a range of pencil grades, charcoal, graphite sticks and pens. Children will experiment making robots with a variety of construction kits such as Polydron to see how they fit together. They will then investigate further with scrap/recycled materials creating forms in 3-D. Children will work with larger scale junk modelling to build robotic figures. They will review what they and others have done and say what they think and feel about it. They will also identify what they might change in their current work or develop in future work.

Music

During the unit 'Me!', children will learn to sing nursery rhymes and action songs. They will listen and respond to different styles of music. They will learn to sing along to nursery rhymes and action songs. They will improvise and play classroom instruments. Then they will share and perform the learning that has taken place.

In 'Robots' children will experiment creating their own musical notation in the forms of lines and mark making. They will use a variety of musical instruments to explore different sound textures. Children will explore key questions about pitch, dynamics, tempo, texture and identify different instruments used.

Computing

In this topic we will be looking at basic word processing skills on iPads and laptops. We will be looking at how to type different pieces of information, how to type a letter as a capital and how to edit and format our text. We will look at how to save these pieces of work to our folder on the school server and how to edit and create new versions of the work. We will then use storybook creator to write a report about the animal we created in our Science topic.

English

The topics for this half term are stories with fantasy settings, recounts and poems to learn by heart.

In the stories with fantasy settings we will read lots of different stories with robots in them, for example No-Bot by Sue Hendra. We will look at the components to the story (the characters, settings and events). We will learn the stories so that we can retell them both orally and on paper. We will recap on the basics of writing a sentence and then we will start to use joining words on our sentences to make them more advanced.

In the recounts topic we will start to use time words and orally use these when recounting

instructions from clips of Mister Maker and other clips and books. We will then make a class robot and use what we have learned to recount how we made the robot.

In the poetry topic we will read and learn lots of different poems about robots. We will practise them, recite them to the class and come up with actions for some of them. We will look at different rhyming words and play games with these.

Maths

This half term we will continue to look at place value, measurement, addition/subtraction and shape.

In the place value topic we will look at reading/writing numbers to 100 and their relative position to each other and we will also look at rounding these numbers to the nearest 10 and counting in steps of 2, 3, 5 and 10. When learning about measurement we will look at what the correct method of measurement is for length and mass. We will then use the appropriate tools for this and we will compare the different lengths/masses. When adding and subtracting we will look at our doubles, bonds to 20 and 20 and then addition/takeaway facts to 100. We will learn how addition can be done either way but subtraction cannot. Children will look for patterns when adding 3 digit numbers (e.g. double or bond to 10). During the shape topic children will identify 2D and 3D shapes, they will look at their properties and label them. They will also find 2D shapes on the faces of the 3D shapes.

Religious Education

In this topic we will be looking at the Bible. During this topic we will learn about how it is a treasured book for Christians and we will compare it to our treasured possessions. We will also see how there are numerous different versions of the Bible and we will decide which one we like best and why. After looking at the Bible we will learn about harvest. We will look at where the ingredients from our foods come from and we will compare the different farming methods around the world.

Science

In this topic we will be looking at the human body. We will be looking at how they are all different and we will look at the different features of them. We will label pictures of ourselves and discuss which of these are always the same and which of these are different to others. We will learn about the senses and how most humans have all of these senses. Children will investigate shoe size and hand size and investigate whether the two of these correlate.

Physical Education

Invasion Games

Children will be taking part in small sided team games. Children will be developing their game tactics and attack and defence skills.

MFL

Whilst this is not statutory at KS1 children will learn simple conversational French such as hello, goodbye and how are you?

Outdoor Links

We will be exploring our environment in and around school.

Education Visits/Visitors to school

The Life Education Caravan is due to visit school in October