

Its All Magic

Autumn 2 2019 Year 3

<u>Science</u>



What is a force?



Are all metals magnetic? Explain how you know.



What is the best material to use to make a magic trick?



Force, Magnet, Pole, Friction, Air Re-

sistance

Year 3 will become magicians!

In this topic the children will be exploring how forces impact on, and how technology contributes to, daily life.

They will look at how both magnets and coding works, and how they can use this to develop their own activities.

The key vocabulary to support this topic

The key knowledge to support this topic

Children will learn about forces and magnets and

how they are used in the wider world.

Children will learn how computers can be used to

create programmes, animations and games.

forces magnets push pull
magnetic field North and South pole
attract repel surface
pitch dynamics rhythm
acting performance

Trips / Special events

The children will be going to watch a poetry performance by Michael Rosen, in preparation for their own performances during the Christmas play.

The key skills to support this topic

Investigating

Reading

Performing

Thorpepark 50:

#12 - Watch a play at the theatre

#26 - Sing a song

#47 - Watch a film on the big screen

#50 - Take part in a performance and invite your family

Mathematics

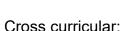
Mathematics

CLIC

Multiplication and division

Reasoning and problem solving





Collecting data in the forms of tables and charts.

Analysing data to inform conclusions in science.

Measuring during science investigations.

Computing



What is an algorithm?





What could you use an algorithm to make your avatar do?



La All Magic

English

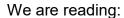
We are writing:

Narratives

Character description.

Dream jars

Setting description



The BFG

Leon and the Place Between

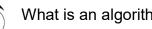


Year 3 Christmas Play

The Magic Christmas Box









What algorithms do we use in daily life?





Algorithm avatar coding webpage

Religious Education



What is the Christmas nativity?



Why do children still perform the nativity play?



Which part of the nativity is your favourite?



Explain why.



Christmas nativity journey

Guiding Readers

This half term, we will be reading The Iron Man by Ted Hughes



PE:

Dance Tuesday pm