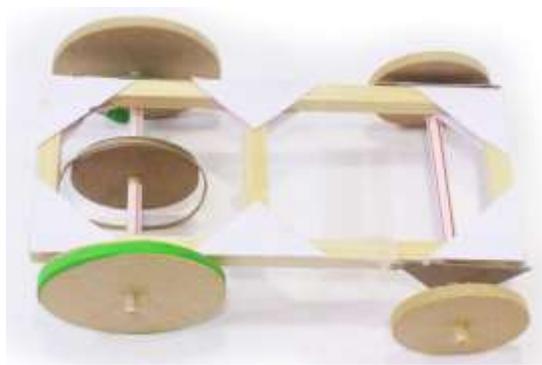


## Y3 Newsletter - Spring 1



Dear Parents/Carers

Happy New Year and welcome back from the Y3 team! We have another fantastic and action packed term ahead. This half term our topic is 'May the Force Be with You!' and we will be learning about forces in science and design and building in DT.

To kick start the project, we invited a specialist into school in Week 2 from Advanced Manufacturing Research Centre (AMRC) to immerse the children in an engineering project.

Over the half term the children will be comparing how things move on different surfaces, exploring the use of different materials and resources used to make and fuel cars with regards to the impact on the environment. They will plan, design, build and evaluate their own construction of a wooden car.

To complete the project, we are inviting parents to take part in our very own version of a Formula 1 race! Where children will take part in a competitive event with their cars they have constructed. (On Wednesday 13 February 2.30 – 3.15).

For more details about what will be taught this half term, please see the project plan over the page. Remember, if you have any questions or concerns, please see Miss Hudson or Miss Thurtle.

Many thanks and kind regards

Miss Hudson (Y3NH) and Miss Thurtle (Y3AT), with teaching assistants Miss Melvin (Y3NH) and Mrs Stephenson (Y3AT).

**Nurturing a caring community, in which every child learns well.**

**Driver 1: Citizenship**

Enable children to make their own decisions and take responsibility for their own lives and communities.

Develop children's understanding of and responsibilities within their communities from the local (Sheffield) to the national (British) and finally global (World)

**Driver 2: Aspiration**

Provide children with the necessary skills, knowledge and understanding to succeed irrespective of socio-economic background and/or gender.

Promote self-efficacy, which is an individual's belief in his/her innate ability to achieve goals.

**Long Term Project Planning: Learning Objectives**

**Year Group: 3**

**Term: Spring 1**

**Project Stimulus (Visit/Visitor/Experience):** Curriculum Day (Sheffield University/AMRC)

**Project Outcome:** Motorised Car Race



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<b>Literacy</b>	<b>Narrative</b> <i>Jack and the Beanstalk</i> Children will get to know the story and become immersed within the well-known traditional tale.	<b>Narrative</b> <i>Jack and the Beanstalk</i> Children will explore the setting and the main character by writing their own story opener.	<b>Narrative</b> <i>Jack and the Beanstalk</i> Children will reinvent the well-known tale by changing key parts to the story.	<b>Narrative</b> <i>Jack and the Beanstalk</i> Children will write the ending of the story with the view to creating their own little book.	<b>Instructions</b> Children will write a set of simple instructions on how to design and build a car.	<b>Instructions</b> Children will structure their simple instructions on how to build a car adding diagrams, pictures and photos.
<b>Numeracy</b>	<b>Number</b> Recall and use multiplication and division facts for the 3, 4 and 8 times tables.	<b>Number</b> Solve problems including missing number problems involving multiplication and division, positive integer scaling problems and correspondence problems in which n objects are connected to m objectives.	<b>Number</b> Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit numbers times one-digit numbers, using mental methods and progressing to formal written methods.	<b>Fractions</b> Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.	<b>Fractions</b> Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.	<b>Fractions</b> Recognize that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
<b>Project Work</b>	<b>Science (Magnets)</b> Children will be introduced to the topic by exploring what they already know and what they would like to find out. They will explore what a magnet is; predict, sort and group what materials are magnetic.  <b>Music</b> – Children will share ways to improve the composition of others	<b>Science (Magnets/Friction)</b> Children will describe magnets as having two poles and predict whether two magnets will attract or repel each other, depending on which poles are facing. Children will learn about what friction is by exploring and testing the movement of different objects over different surfaces.  <b>Music</b> – Children will share ways to improve the composition of others	<b>Science (Friction)</b> Children will investigate the different levels of friction through a variety of experiments.  <b>RE</b> - Pursue an enquiry into Jewish and Islamic prayer, finding out about and exploring beliefs about worship, prayer, God and human life for Jewish and Muslim people.  <b>Music</b> – Children create a soundscape using tuned and un-tuned percussion.	<b>DT</b> Children will plan, draw and design their own car. They will research a range of different products and materials that are environmentally sustainable.  <b>RE</b> - Pursue an enquiry into Jewish and Islamic prayer, finding out about and exploring beliefs about worship, prayer, God and human life for Jewish and Muslim people.  <b>Music</b> – Children create a soundscape using tuned and un-tuned percussion.	<b>DT</b> Children will make their own car in woodwork.  <b>Music</b> – Children will practice the meanings of symbols, words and actions used in prayer and worship such as bowing down, using ritual and symbol, praying alone and in groups.  <b>Music</b> – Children will begin to take part in improvisation sessions.	<b>DT</b> Children will evaluate their car against own design criteria and consider the views of others to make improvements.  <b>Music</b> – Children improvise a musical piece.
<b>Key Dates</b>		STEM/AMRC visitors to school – engineering workshop for pupils  Wednesday 16 January All Day			Y3 Castleton residential information evening for parents/carers.  Thursday 7 February 5.00 – 5.30	Y3 Curriculum Day Formula 1 @ Carterknowle  Wednesday 13 February, 2.30 – 3.15pm  <i>All parents/carers welcome</i>

Parent feedback on Y3 events so far...

Y3 New Starters Meetings (July 2018)

How helpful was the information you received before the meeting? *92% said very helpful.*

How helpful is the information in the pack? *100% said very helpful.*

How helpful did you find this meeting? *100% said very helpful.*

Here are some comments made by parents regarding the

Y3 Christmas Performance (December 2018) ...

