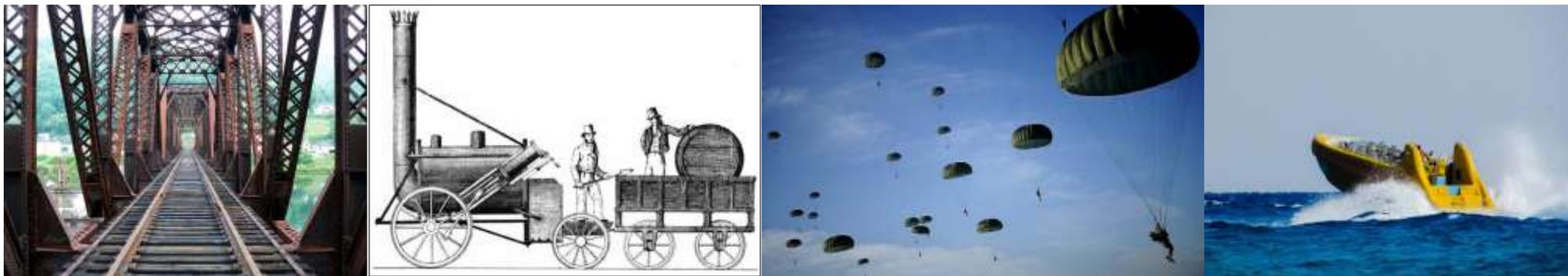


Y5 Newsletter - Spring 2



Dear Parents/Carers

Welcome back! We hope you've all had a restful break and enjoyed some lovely Spring sunshine. We are looking forward to a short but jam-packed half term! For the rest of the Spring term, our project is 'Into the Melting Pot'.

Starting in the time of the Industrial Revolution, we will explore a period of fast paced change, when machines transformed people's work and lives. We will explore the innovations designed to carry raw materials to factories and transport the finished goods to the markets and ports. We will look at the infrastructure which was required to do this, particularly why bridges were needed. We will look at bridges in our locality, looking closely at what they look like and considering how shapes can affect strength. We will design, make, test and evaluate our own bridges.

We will then explore the science behind these innovations by learning about forces. We will draw on our experiences at Abbeydale Industrial Hamlet and explore friction, resistance, levers and pivots through a series of practical investigations. We will design fair tests and draw conclusions from our results.

Finally, we will host a STEM (Science, Technology and Engineering) workshop on Wednesday 27th March at 2:30pm. During this afternoon, there will be a variety of challenges for you to work on alongside your child, which will draw on our learning throughout the half term. We would love for you to join us for this special event.

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 Mrs Laybourn, Mrs Bodimeade or Mr Windslow. For short enquiries, class teachers can be found in the playground at both the start and end of the day. Longer meetings can be organised in advance, by making an after school appointment. We are looking forward to working with you and your children.

Kind regards

Mrs Laybourn, Mrs Bodimeade (Y5LB) and Mr Windslow (Y5CW), with teaching assistant Miss Walsh.

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

Driver 1: Citizenship

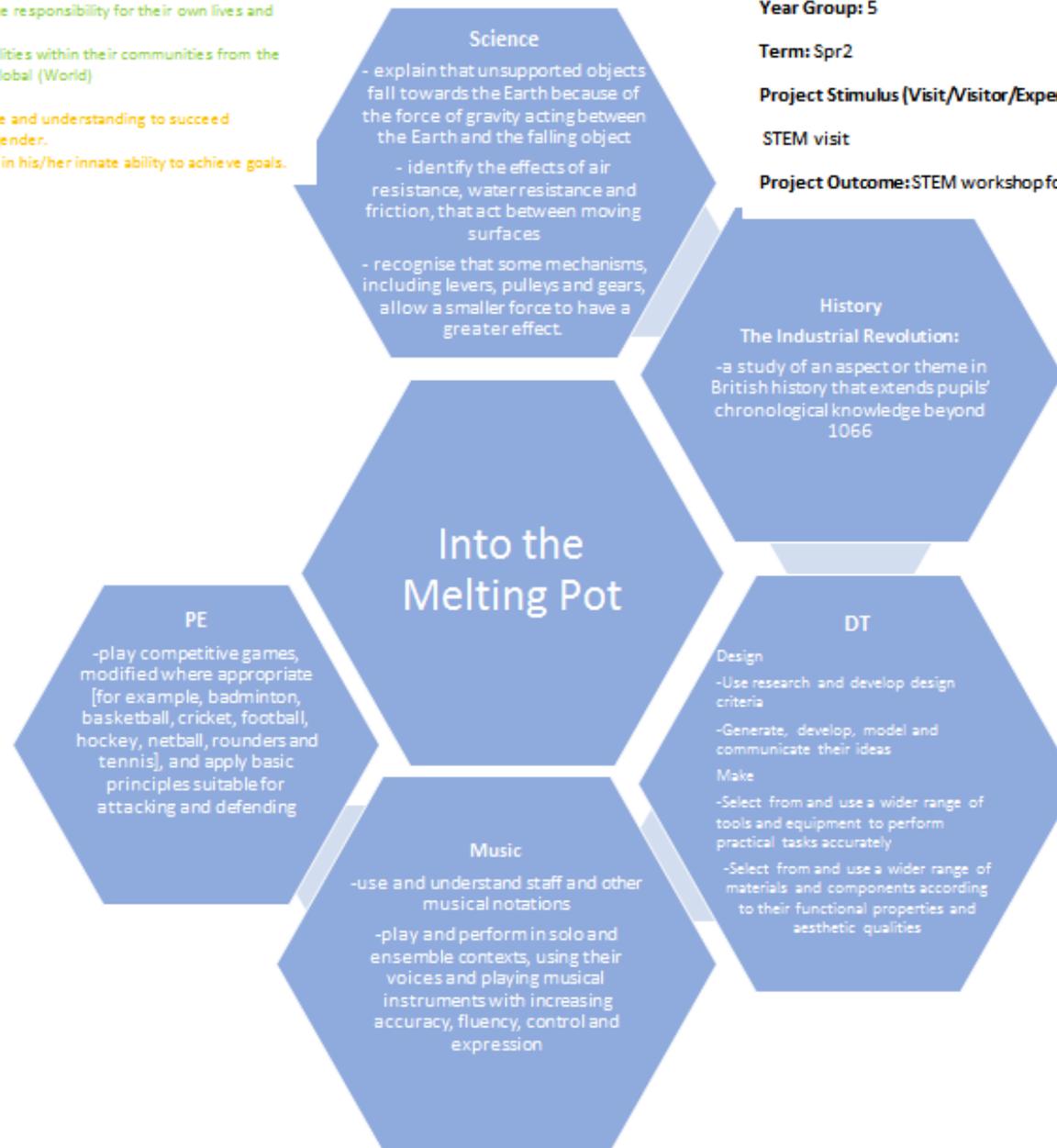
Enable children to make their own decisions and take responsibility for their own lives and communities.

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: 5

Term: Spr2

Project Stimulus (Visit/Visitor/Experience): Abbeydale Industrial Hamlet

STEM visit

Project Outcome:STEM workshop for parents

	Week 1	Week 2	Week 3	Week 4	Week 5
Literacy	Poetry Longer classical poetry/narrative Jabberwocky by Lewis Carroll	Poetry Longer classical poetry/narrative Jabberwocky by Lewis Carroll	Poetry Free verse Cross curricular link to the theme of Science Week.	Non-Fiction Non-Chronological reports Mythical Creatures	Non-Fiction Non-Chronological reports Mythical Creatures
Numeracy	Number – Decimals Read, write, order and compare numbers with up to three decimal places. Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.	Number – Rounding Decimals Round decimals with two decimal places to the nearest whole number and to one decimal place.	Number – Percentages Recognise the percent symbol (%) and understand that percent relates to ‘number of parts per hundred’.	Number – Problem Solving Solve problems involving number up to three decimal places, percentages and measure.	Number – Problem Solving Solve problems involving number up to three decimal places, percentages and measure.
Project Work	History Study of the Industrial Revolution.	DT – Bridges Strengthen, stiffen and reinforce structures.	Science Week! Our theme this year is Water.	Science Explain gravity. Identify the effects of air resistance and friction.	Science Recognise how some mechanisms work.
Key Vocabulary	industry change machinery factories inventions rural urban	strengthen stiffen reinforce arch beam cantilever truss suspension	force water resistance effect float sink	force gravity air resistance friction effect lift drag	gears levers pulleys effect
Key Dates	Thursday 28 th February: Abbeydale Industrial Hamlet Trip Y5LB begin the Clarinet Project	Thursday 7 th March: World Book Day Y5s visit Holt House to read with the Y1s	Science Week Wed 13 th February: Potion making workshops led by visiting Scientist Friday 15 th February: Red Nose Day		Wednesday 27 th March, 2:30pm: STEM workshop for parents Friday 29 th March: Dress down day

Last half term's project: The First Kingdom

A huge thank you to everyone who joined us for our class museums at the end of last half term. The children had worked so hard designing and assembling their exhibitions. They really took ownership of their given sections and it was wonderful to see them working so productively and effectively within their teams. We were so pleased that you enjoyed it as much as we did!

Please see below for some of your wonderful feedback. As ever, we really appreciate you taking the time to fill in the forms.

There was a great combination of words and pictures. I loved the interactive quiz!

It's clear that loads of hard work has gone into the exhibitions.

BRITISH MUSEUM
COMES TO
CARTERKNOWLE!

The children were so enthusiastic!

Tasty bread, great artwork, lots of happy kids. Thanks Y5!

I learnt loads!

The bread was really tasty and I loved the interesting facts.