| Year 3 | 'Pedal Power' | Autumn Term 2 | 2016/2017 |
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***English*** **using the text 'The Iron Man'**

-use descriptive language
-infer information about the characters using the text and summarise the text
-use a dictionary to find words
-use time words to extend sentences and write in paragraphs
-use an apostrophe accurately
-use pronouns in their work
-use non-fiction texts to fins information and use headings in their work
-proof-read their work for sense, punctuation and word choice
-identify the elements of a story
-read examples of poetry
-identify the techniques used
-create their own poem in the style of those read

***Mathematics***

-Add and subtract numbers mentally, including: a 3D number and 1s; 3D number and 10s; 3D number and 100s
-Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
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-Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
-Identify right angles, recognise that 2 right angles make a half-turn, 3 make $\frac{3}{4}$ of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle
-Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
-Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight

***Science***

**Light**

Use scientific language to communicate ideas and understanding, with support. Ask questions to be investigated scientifically and decide how to find answers
Consider what sources of information are needed to answer questions.
With support, use observations, measurements or other data to draw conclusions.

***Religious Education***

Investigate the symbolism of light in religions.
The symbolism and key events in the Christmas story. What can Christians learn from the people studied?

***Computing***

This will overarch all subject areas as children research and present information.
They will record events using still photographs and film. Present information on a penny farthing.

***Geography***

How can cycling improve the environment?
Children will learn about the benefits of cycling to the environment.
What are the rules of the road? Use of cycle lanes and road signs.
How can I make and use maps and plans?
Children plan and carry out races and routes for their 'Tour de Ashton'
What is the 'Tour de France'? Children will research facts and figures, look at maps of France and routes. places fit within a wider geographical context

***History***

How can I order events? Why do changes happen? How has technology improved?
Using secondary resources, children make careful observations and draw conclusions about developments of the bicycle and present findings in chronological order on a timeline.
What was the penny farthing?

***Modern Foreign Languages***

Nativity, numbers and animals. Children will learn vocabulary related to these topics through songs, rhymes, games-including ICT and role play. They will also learn about aspects of French culture.

***Music***

Christmas songs.
Rhythmic patterns.
Listen to and repeat patters.
Create their own patterns in the style of what they have listened to.

***Physical Education***

Invasion games
Gymnastics

***PSHSE***

**Values: peace, love**
How can we keep safe?
Children will learn about the need for safety in different aspects of cycling including what to wear, keeping a bike in roadworthy condition and road rules.
Firework safety.