

Grade 6

January/February 2017



are learning to ...

In Grade 6 this half term we are going to learning about the work of Shakespeare and we will be writing and performing our own versions of Shakespeare plays. We will be learning poems and performing these. In Science we will be learning about Light, Classification and Electricity. We will be getting ready for sports day and hopefully we will have our trip to the desert. It is an exciting term for us all!

English

In Reading we are learning to:

- maintain positive attitudes to reading and understanding of what we read by:
 - continuing to read and discuss an increasingly wide range of, poetry and plays
 - reading books that are structured in different ways and reading for a range of purposes
 - learning a wider range of poetry by heart
 - preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience
- understand what we read by:
 - summarising the main ideas drawn from more than one paragraph,
 - asking questions to improve their understanding
 - predicting what might happen from details stated and implied
 - discuss and evaluate how authors use language, including figurative language
 - distinguish between statements of fact and opinion
 - participate in discussions about books that are read to them and those they can read for themselves,

In Writing we are learning to:

- plan our writing by:
 - identifying the audience for and purpose of the writing, noting and developing initial ideas,
- draft and write by:
 - selecting appropriate grammar and vocabulary to change and enhance meaning
 - précising longer passages
 - using a wide range of devices to build cohesion within and across paragraphs
 - using further organisational and presentational devices to structure text
- evaluate and edit by:
 - assessing the effectiveness of their own and others' writing
 - proposing changes to enhance effects and clarify meaning
 - ensuring the consistent and correct use of tense throughout a piece of writing
 - ensuring correct subject and verb agreement when using singular and plural, distinguishing between the language of speech and writing and choosing the appropriate register
 - proof-read for spelling and punctuation errors
- perform their own compositions, using appropriate intonation, volume, and movement so that meaning is clear.

Maths

We are learning to:

- Use knowledge of the order of operations
- Consolifate knowledge of the four operations
- Consolidate our knowledge of equivalent fractions including improper fractions
- Use common factors to simplify fractions
- Use common multiples to express fractions on the same denomination.
- Multiply and divide fractions
- Interpret more complex tables, including time tables.
- Consolidating our understanding of the equals sign
- Express missing number problems algebraically.
- Consolidate knowledge of factors and multiples
- Recall square numbers and cube numbers
- Recall prime numbers up to 19.

Science

We are learning to:

- Explain that light travels in straight lines
- Explain that we see things because light travels from light sources to objects and then to our eyes.
- Describe how living things are classified based on similarities and differences.
- Give reasons for classification
- Associate the brightness of a lamp or volume of a buzzer with voltage.
- Use recognised symbols in a simple circuit diagram

In the Bridging Curriculum

we are learning to ...



English

In Reading we are learning to:

- seek assistance in understanding new vocabulary encountered
- develop an appreciation and love of reading, and read increasingly challenging material independently through: reading a wide range of fiction and non-fiction, including in particular whole books, short stories, poems and plays with a wide coverage of genres, historical periods, forms and authors.
- recognise a range of poetic conventions
- understand increasingly challenging texts through: checking their understanding to make sure that what they have read makes sense.
- offer opinions on setting, plot and characters used in a text

In Writing we are learning to:

- Experience of writing for a wide range of audience and purposes
- *Plan and draft our writing by:*
 - understanding the major texts types and their features
 - Understand the vocabulary and grammar that suits a particular form of writing
- evaluate and edit by:
 - *Correct spelling and punctuation errors*
 - *Use new grammatical constructions that are given to achieve particular effects in their writing and speech*

Maths

We are learning to:

- Move fluently between different representations of fractions in order to solve simple division problems.
- Interpret and construct appropriate charts and diagrams including line charts.
- Recognise and use relationships between operations
- Describe simple functions using words and symbols
- Use integer powers and associated real roots
- Recognise powers of 2,3,4 and 5
- Use the relationship between factors and multiples to calculate mentally.

Science

We are learning to:

- Explain that light travels in straight lines
- Explain the law of reflection
- Understand colour and the different frequencies of light, white light and prisms.
- Explain the importance of classification and create a classification key.
- Compare the voltage drop across resistors connected in series in a circuit
- Create series and parallel circuits.

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Computing

We are learning to:

- Solve problems by decomposing them into smaller parts

E-Safety

- Use technology safely, respectfully and responsibly.
- Recognise acceptable/unacceptable behaviour
- Know a range of ways to report concerns and inappropriate behaviour
- Understand the opportunities networks offer for communication and collaboration

Creating Content

- Select, use and combine a variety of software (including internet services) on a range of digital device

Homework

Please ensure all homework is being completed on a regular basis.

Keep up to date with your child's class on Edmodo or their class blog.

Field Trip

On Tuesday 31st January children will be travelling to the desert as part of their Geography topic.

Geography

We are learning to:

- understand what life is like in cities and villages in a range of settlement sizes,
- understand that products we use are imported as well as locally produced,
- explain how the types of industry in the area have changed over time
- understand where our energy and natural resources come from.
- use physical maps and atlases to describe some key human characteristics

Settlements

Useful Resources

<http://www.bbc.co.uk/bitesize/ks2/>

<http://www.mathplayground.com/>

<http://www.abcya.com/>

Books coming home this term include a text about settlements, science books about classification and electricity. You will also receive a selection of Year 7 books to support your child with the Bridging Curriculum.

P.E.

We are learning to:

- run longer distances knowing when to use a sprint
- change his/her bodyshape to decrease airresistance when running
- use the correct action to throw a javelin with a run up
- use his/her toe and heel to spin and throw a discus and shot put
- jump: one foot to same foot to two feet (triple jump)
- jump: one foot to two feet (long jump)

D&T

We are learning to:

- Investigate several shelters
- Recognise, make, and use tubes as a material to make a framework
- Reinforce and strengthen frameworks using triangulation
- Design drawings of several alternative shelter ideas
- Draw a design which uses annotations to add detail
- Develop design criteria to inform the design of innovative products
- Make a well finished product.
- Use design criteria to evaluate their product