



THE WILLOWS
PRIMARY SCHOOL AND NURSERY

Year 6

Autumn term

Maths

We follow [White Rose](#) (click for more information).

What children will learn:

- o Place value (up to ten million)
- o 4 operations (+, -, x, ÷)
- o Fractions
- o Multiples, factors, square/cube and prime numbers
- o Coordinates
- o Translation and reflection of shape



[Times Tables Rock Stars](#)



[Prodigy](#)

How you can help:

- o Ensure your child knows all times tables up to 12×12 (and associated division facts: $12 \times 3 = 36$, $36 \div 12 = 3$ etc)
- o Practise telling the time with your child (on both an analogue and a digital clock)
- o Ensure children complete weekly homework.
- o Encourage children to log in to TT Rockstars and Prodigy (above).
- o Practise methods for the four operations and mental maths while at home, for example: when shopping, cooking etc.



English

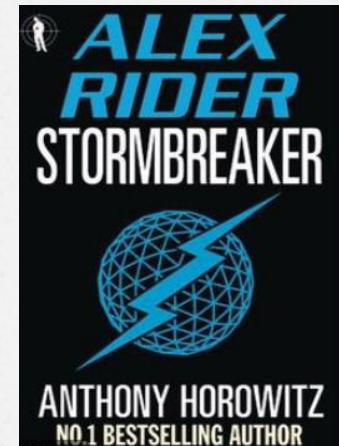
During the first half term, we will use the book *Holes* by Louis Sachar as our main focus.

Reading:

During reading lessons, children will read sections of the book (both in their head and aloud), discuss the sections then answer questions about what they have read. They will focus on the skills of:

- Retrieval
- Inference
- Summary
- Prediction
- Word meaning
- Comparing
- Authors' use of language

In Autumn 2, our focus will be on Anthony Horowitz's *Stormbreaker*.



Writing:

Children will start the year by re-telling a myth then use both books as stimuli for writing, and will write:

- A non-chronological report
- A diary entry
- A biography
- An action scene
- Structured poems
- Free verse

How you can help:

- Read regularly with your child at home.
- Discuss what children have read, and ask them questions to check their understanding.
- Encourage neat handwriting and correct spelling in homework books.

Grammar and Spelling

Children will recap and learn a variety of grammatical terms throughout the year. They will ask and answer questions about these terms and their usage.

A list of the definitions children need to know by the end of the year can be found [here](#).

Words and definitions will be taught based on what children show they already know - if you ever have any queries about this, feel free to speak to a member of staff!

How you can help:

- Children will be set weekly spellings based on the rule they are learning in school.
- Children's spellings will be regularly checked in books and children will be expected to correct them using a dictionary.
- Children also need to know how to spell words from the year 3/4 and the year 5/6 • [spelling lists](#).
- Ensure children complete grammar homework to the best of their ability.
- Re-cap terms children have learnt in school regularly with them
- Encourage children to practise spellings as often as possible.
- Discuss the spelling rule children are learning about in class and come up with words which fit the rule.
- Ensure children can confidently use a dictionary.
- Encourage children to log on to [Spelling Shed](#) to complete the activities set by their class teachers.



Science



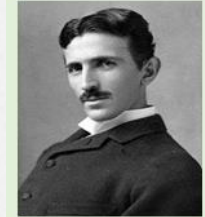
Charles Darwin

Evolution and Inheritance:

- How fossils are formed.
- How animals have adapted to their habitats.
- What 'natural selection' and 'variation' are.
- Using scientific enquiry skills to plan an investigation into different birds' beaks.

Electricity

- Using circuit equipment.
- Using recognised circuit symbols.
- Explaining how the brightness of a bulb or the loudness of a buzzer is associated with the number/voltage of cells in a circuit.



Nikola Tesla

PE

- Fitness
- Outdoor
Adventurous
Activities

How you can help:

- Look at information about our Science topics on [BBC Bitesize](#).
- Ensure children arrive on time for swimming and with full kit.
- Ensure children have correct PE kit in school.

Geography

Our work focusses mainly on the Isle of Wight (in preparation for our trip!)

Children learn :

- how different types of island are formed
- to recognise ordnance survey symbols and use ordnance survey maps
- to name and using the 8 compass points
- to read maps/plans and use scales
- to recognise and use 4 figure grid references (and extending to 6 figure)
- to locate islands around the world
- to use coordinates to develop understanding of a place



History

In the first half of the Autumn term, we focus mainly on the history of the Isle of Wight to give a context for our trip.

In the second half, we learn about Battles and Espionage (with a focus on World War Two:

- How World War Two began and which countries were involved.
- Key effects of World War Two: rationing, evacuation, The Holocaust and battles.
- How sources can tell us about the past: we discuss the reliability of sources, what they can and can't tell us and judge whether various types of source give us useful information.
- Throughout, we focus on key dates and vocabulary associated with these periods.

Art

In Art lessons, we focus on key skills:

- o Perspective drawing
- o Colour washes
- o Use of watercolour
- o Silhouette work
- o Scale drawing
- o Sketching



Our DT project is to design, build and evaluate a clay volcano (which we erupt at our October activity afternoon!)

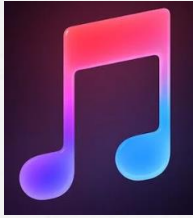


DT



Music

Children sing and learn to play a number of instruments in units of work which build towards an end of term performance.



RE



Children learn about the creation story in Hinduism and that of Christianity then compare the two. They also attend a Christingle Service at the local church. In lessons, they discuss main features of Christianity and Hinduism throughout their lessons.

PSHE

Children will focus on positive relationships, contributions and values. They will learn about positive relationships, online identity and bullying.



French

Le Week-end

Les vêtements

Children learn to speak and write about the weekend and clothes throughout the term. They will consistently re-cap and ensure they remember key vocabulary.

How to help:

Focus on:

- o Locating the continents
- o Naming oceans and seas
- o Naming countries around the world
- o Understanding lines of latitude and longitude

Research:

- o The Isle of Wight and its history
- o World War Two
- o Hinduism and Christianity and the religions' central beliefs

Practise:

- o Sketching objects
- o Perspective drawing skills
- o Using paint
- o French vocabulary - get your child to name some weekend activities and clothes!

Discuss:

- o Bulling (particularly cyberbullying)
- o How to stay safe online

General Information

Homework:

- Set on a Monday, due on a Monday (spelling, grammar, arithmetic, maths, reading)
- Should be completed neatly and to a high standard.
- Ensure reading records are signed at least 5 times per week.
- Can be completed voluntarily in school time.

Trips:

- Bowling - reward trip
- Secret Nuclear Bunker - curriculum-based trip
- Christmas Shopping - reward trip

Let us know what you think!

Have you got any ideas for how we could improve the curriculum we offer?

Have you got any knowledge or expertise in any of these areas which could help us?

If so, please let us know!

For key information on whole-school dates and events, please see the school newsletter or check our [website](#).