



# Year 6 Spring 2022 Curriculum Information



## What we are learning at school

### Maths

We will continue to follow the Herts Essential Maths sequences: Algebra; Perimeter and Area; Angles; Reflection and Translation; Multiplying and Dividing Fractions; Ratio and Proportion; Volume; Measures; Statistics. There will be weekly homework set using the CGP 10 minute test books. We will provide opportunities to revisit topics where a need to consolidate learning has been identified.

### English

We will begin the term by introducing the stunning non-fiction book *Planetarium*, produced by the Science Museum, which blends art and fascinating descriptions to communicate the wonder of the universe. We will use what we have learned to create a non-chronological report about our own imaginary planet. We will then watch the spine-chilling animation *Alma* and create our own spooky and tension-packed story. Finally, we will tackle the narrative poem *The Highwayman* by Alfred Noyes, which will inspire a number of writing outcomes. This range of texts will provide a rich stimulus for writing in a variety of genres for different audiences and purposes. The children will have plenty of opportunities to develop the use of precise and adventurous vocabulary, use expressive and figurative language and employ a range of sentence types.

We will continue to focus on cursive handwriting and neat presentation.

## How you can help at home

### Read

The Year 6 page on the school website has a list of recommended texts. Also, this link <https://schoolreadinglist.co.uk/reading-lists-for-ks2-school-pupils/suggested-reading-list-for-year-6-pupils-ks2-age-10-11/> offers short synopses of a range of age-appropriate fiction texts.

Read about what's in the news: [BBC Newsround](#); [DogoNews](#); [twigscienceresporter](#)

Read First News

### Watch

News programmes to find out more about what is happening in the world.

### Talk about

local; national and global news; topics being covered at school; discuss your favourite artists and art in your home.

### Try these websites

<https://trockstars.com/>

## Science

We will be completing our topic *Evolution and Inheritance*.

Our Science focus will then move to *Light*.

Big Question: If there were no light what would we see?

The areas of study will include: recognising that light travels in straight lines and that objects are seen because they give out, or reflect, light into the eye.

We will also investigate how shadows are formed and what factors can affect the size and shape of shadows.

## Geography

Our focus will be on South America: we will build on previous Geographical human and physical skills: locate the world's countries; use maps to focus on South America concentrating on its environmental regions; key physical and human characteristics, countries and major cities.

Identifying the similarities, differences and making connections with other regions of the world.

## Art and DT

Art will focus on the use of print as a medium. The children will experiment with designing and combining print techniques. In addition, the children will study the work of print artists.

## PE

Hockey - consolidate keeping possession and developing officiating; consolidating defending; understanding and apply attacking/defending tactics in game situations

Badminton/Volleyball - exploring different forehand/backhand shots; applying different forehand/ backhand shots to win a point; consolidate outwitting an opponent; Doubles: understanding and applying tactics to win a point

<http://www.primaryhomeworkhelp.co.uk/>

<https://www.natgeokids.com/uk/>

<https://www.tate.org.uk/kids>

Discuss the different light sources in your home. Are they manmade or natural?

Watch a shadow play eg.

<https://www.youtube.com/watch?v=s9WxliX61po>

Or a demonstration of hand shadows eg.

<https://www.youtube.com/watch?v=J-3fHDUmnf0>

Have a go at making your own shadow puppets and create your own show. (Or practise making shadows using your hands.) Investigate how shadows are formed and how they change when objects are put in front of a light source. What difference does it make when you move the puppet (or your hand) closer to or further away from the light source?

Make a periscope out of a milk carton and explore and explain how it works.

[https://www-tc.pbskids.org/fetch/games/activities/pdf/FETCH\\_Eyespy.pdf](https://www-tc.pbskids.org/fetch/games/activities/pdf/FETCH_Eyespy.pdf)

## Create a simple pinhole camera

<https://kids.nationalgeographic.com/explore/books/pinhole-camera/>

**Computing**

We will continue using the Purple Mash computing scheme to cover skills with a particular focus on coding. The theme of online safety will also be a focus and will link to our PSHE and well-being work.

**Music**

We will be describing the similarities and differences in music from South America, Africa and China – linking with the Rainforest theme.

To distinguish between different scale patterns – major, minor pentatonic and to use the melodic patterns in composition.

To use the staff to record short melodic ideas in the treble clef, from Middle C to the octave C above. (CML to use more where appropriate)

**RE**

Christianity and Buddhism

We will consider where non-religious and religious people find answers to difficult questions e.g. regarding life after death and what is meant by a soul.

**PSHE**

Throughout the Spring term we will be exploring the Jigsaw topics: Dreams and Goals and Healthy Me. We will focus on the different perceptions of 'normal', and how we can be understanding and inclusive whilst confidently sharing our own ideas and differences. This is taught alongside the roles we can play in preventing bullying. We will explore our dreams for the future and build an understanding of what we need to do to help us achieve them. Finally, we will look at how we can make the right choices in ensuring we are healthy, both physically and mentally, and how our decisions in certain situations can affect us positively or negatively. Alongside this we will be introducing more first aid to the children to add to their wealth of important life skills.



## Year 6 Spring 2022 General Information



<b>PE</b>	<b>PE days</b> Elder: Tuesday and Friday Acer: Monday and Thursday Redwood: Tuesday and Friday <i>Children are to continue to come to school in their PE kits on days they have their lessons.</i>
<b>Values</b>	Running through our curriculum will be the 'My Personal Best' values of as well as the school's '3Rs': Responsibility, Resilience and Respect.
<b>Homework expectations</b>	Please continue to support your child with their daily reading. Your child should reflect upon what they have read by writing into their planners at least three times per week - there will be a specific reading focus. Spelling patterns will be given weekly for children to learn ready for a quiz. In addition, children will have 4 'personal' spellings which are to be incorporated into their spelling sentences. These will continue to complete and submit through Google Classroom. There will also be maths tasks using the CGP SATs revision books.
<b>Class email</b>	<a href="mailto:acer@grovejm.herts.sch.uk">acer@grovejm.herts.sch.uk</a> <a href="mailto:elder@grovejm.herts.sch.uk">elder@grovejm.herts.sch.uk</a> <a href="mailto:redwood@grovejm.herts.sch.uk">redwood@grovejm.herts.sch.uk</a>