



Be all you can be
Hayes School

Year 5 Curriculum Plan: Summer 1 2024

The Big Question:

How are dragon eyes depicted
in sculpture?



Responsibility Success Aspiration Resilience **Discovery** Friendship



At Hayes, we strive for our children to push beyond any perceived idea of potential, to be all they can be, regardless of background in order that they leave us as good human beings - happy, kind and responsible. Our curriculum is integral in shaping the children to become independent and life-long learners. At Hayes, we also aim to equip our children with the ability to 'think' in order to make sense of an ever-changing world. Our curriculum has been designed, with thinking at its heart, to achieve our ultimate vision: all children will live fulfilling and happy lives, being all they can be.



Learning Experience

Context and Outcome

This learning experience will encourage the children to discover how dragon eyes have been depicted in art. They will analyse and share their thoughts and feelings about the textures and patterns around a dragons eye. The children will build on previous knowledge of sculpting as well as their drawing skills to create drafts of their own dragon eye designs. They will use Austin's butterfly approach to develop their sculpting techniques to achieve intricate details and patterns on their dragon eyes.

BIG QUESTION

How are dragon eyes depicted in sculpture?

Art Questions

How can a dragon eye be created through sketch, tone and colour?

How can we create intricate details for our dragons eyes?

How can a first draft be improved?

How can sculpting techniques be used to create a clay dragon eye?

How can I create an intricate dragon eye using clay?

How effective were my clay techniques when creating a dragon eye?



Be all you can be
Hayes School

Year 5: Summer 1 2024

ENGLISH

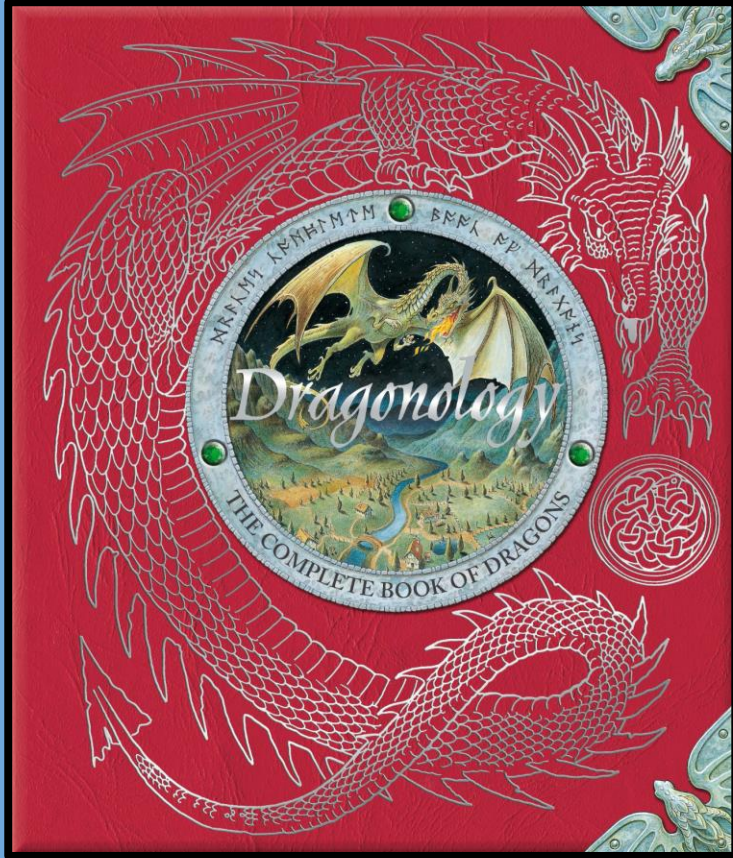
- Driver Text: Dragonology by Dugald A Steer
- Other texts: Tell Me A Dragon, by Jackie Norris, How to Train A Dragon by Cressida Cowell.
- Writing opportunities: Instructions of how to train a dragon and a non-chronological report detailing dragons.
- Reading: Whole Class reading takes place each week and includes fluency, retrieval, vocabulary and inference activities based around a variety of texts.
- Spelling focus: prefixes and suffixes.
- Handwriting: joined, legible and cursive handwriting.

MATHS

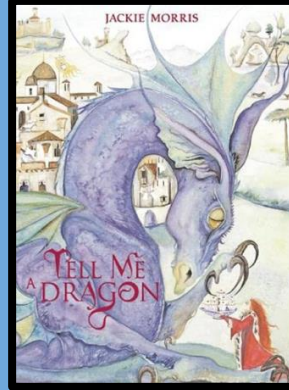
This term will focus on area, perimeter and volume.

- The children will be able find the perimeter of rectangles, polygons and compound shapes.
- They will be able to find the area of rectangles and compound shapes.
- The children will be able to compare and estimate volume.
- We will be setting weekly assignments linked to what we are learning in class on DoodleMaths

English - Texts



Supporting Text: Tell Me a Dragon - Jackie Morris



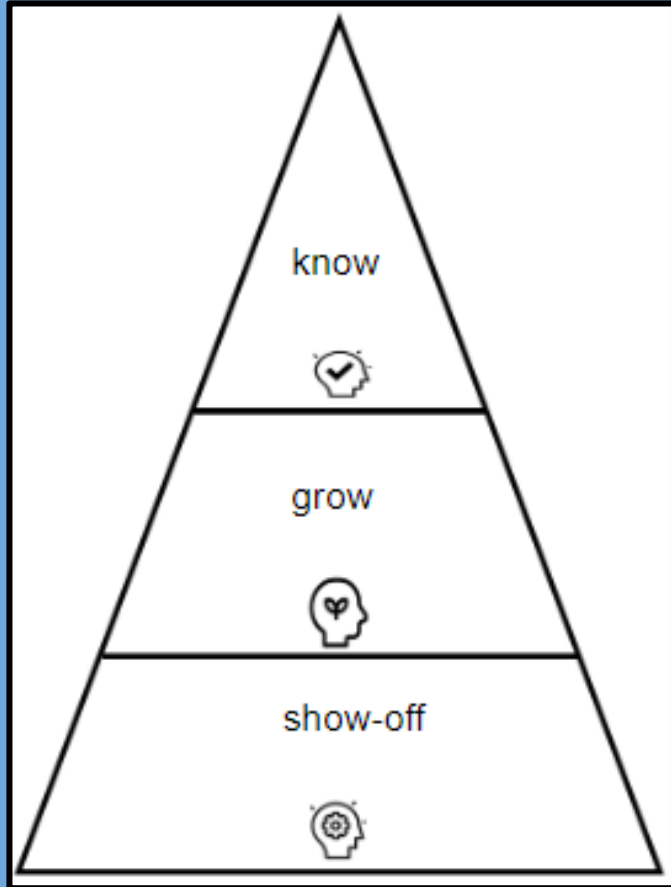
Tell Me a Dragon By Jackie Morris

Here are dragons that can curl around an ear, sing and laugh. Some are as big as a village or as long as a river. Sinuous dragons of every hue live in the city, the countryside or under the sea, delighting in water, fire or ice.

Main Text Dragonology By Dugald A Steer

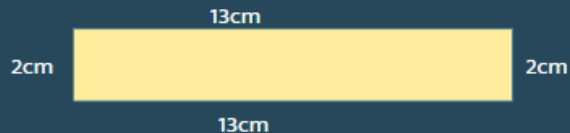
Dragonology is written in a non-fictional style. The series contains information on dragons, including information about how to befriend and protect them. The book also includes an alphabet of the dragon language, ancient runes and replica samples of dragon scales.

Key vocabulary



- modern
- ancient
- recent
- secure
- texture
- sculpture
- scale
- model
- manipulation
- irreversible

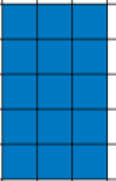
Maths - models and images



$$13\text{cm} + 2\text{cm} + 13\text{cm} + 2\text{cm} = 30\text{cm}$$

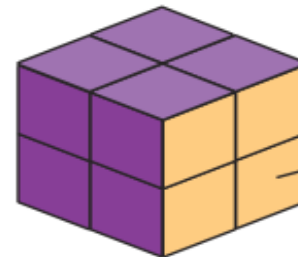
Area

We will calculate the area of rectangles, compound shapes and irregular shapes by counting squares and using formulas.

Shape	Description	Calculation
	There are <u>3</u> squares in each row. There are <u>5</u> rows altogether. <u>5</u> rows of <u>3</u> squares equals <u>15</u> squares.	$\begin{array}{c} \boxed{3} \times \boxed{5} = \boxed{15} \\ \text{or} \\ \boxed{5} \times \boxed{3} = \boxed{15} \end{array}$

Perimeter

We will be calculating the perimeter of rectangles, polygons and non-rectilinear shapes.



Area of a cross section
 $= 2\text{cm} \times 2\text{cm} = 4\text{cm}^2$

$4\text{cm}^2 = 2\text{cm}$
 $= \text{Volume of } 8\text{cm}^3$

Volume and Capacity

We will be calculating in cubic centimeters, comparing and estimating volume and estimating capacity.



Be all you can be
Hayes School

Year 5: Summer 1 2024

SCIENCE: Forces

This term children will be taught to:

- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.
- Identify the effects of air resistance, water resistance and friction, that act between moving surfaces.
- Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.

COMPUTING: Coding

This term children will be taught to:

- begin to simplify code
- create a playable game
- understand what a simulation is
- program a simulation using 2Code
- know what decomposition and abstraction are in computer science.
- take a real-life situation, decompose it and think about the level of abstraction
- understand how to use friction in code.
- begin to understand what a function is and how functions work in code
- understand what the different variables types are and how they are used differently
- understand how to create a string.



Be all you can be
Hayes School

Year 5: Summer 1 2024

Driver Subject: Art

This half term the children will be working on developing their art skills. They will experiment with mark making, lines and pattern to produce texture for the dragon scales around the eye. They will use their observations of images and artist interpretations to create sketches and explore the patterns. They will use their sketchbooks to collect ideas, plan and refine them in preparation for designing and making their own clay dragon eye sculpture. During this process they will practise with and explore how to use clay as well as how to assemble the clay with scoring and slip.

PE - Striking and Fielding

This half term, the children will be enjoying a variety of team games that focus on the key skills of striking and fielding. They will strike a ball using a range of techniques and apply the skills learned with some success under pressure.



Be all you can be
Hayes School

Year 5: Summer 1 2024

R.E

This half term, our unit will focus on answering the question, 'Christians and how to live: What Would Jesus do?' They will be able to make connections between the teachings of Jesus and how Christians use them as a 'foundation for living'.

PSHE/SRE

This half term the children will learn ways in which they can support our local community and keep community spirit alive. They will also explore British Value. The children will also be looking at the importance of saving money and ways in which this can be done.

Music

This half term, our two key areas of focus will be
improvisation: over a groove; dynamics and
composition: using chords to evoke atmosphere, mood or environment.

MfL (French)

Year 5 will be learning about how to talk about the Olympics. They will use their existing knowledge of sport. They will also advance their knowledge of basic grammar in French through reading, writing and speaking opportunities.