



ILP: Amazing Metals

ESSENTIAL KNOWLEDGE

- **Recognise the different properties and types of metals.**
- Use spoken language to develop understanding through speculating, hypothesising, imagining and exploring ideas.
- Identify themes and conventions in a wide range of books.
- Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.
- Select from and use a wider range of tools and equipment to perform practical tasks.
- Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.
- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.
- Compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials.
- Compare how things move on different surfaces.

Science Targets - A Year 3 Scientist

- I can ask relevant scientific questions.
- I can set up a simple enquiry to explore a scientific question.
- I can set up a fair test and explain why it is fair.
- I can make careful and accurate observations.
- I can make a prediction with a reason.
- I can explore and describe how objects move on different surfaces.
- I can predict whether objects will be magnetic and carry out an enquiry to test this.

Design & Technology Targets - A Year 3 Designer

- I can prove that my design meets some set criteria.
- I can follow a step-by-step plan, choosing the right equipment and materials.
- I can design a product and make sure that it looks attractive.
- I can select the most appropriate tools and techniques for a given task.

Computing Targets - A Year 3 Computer User

- I can design and create content.
- I can present information.
- I can search for information on the web in different ways.
- I can manipulate and improve digital images.

KEY QUESTIONS:

What are the properties of metals?

How many different metals are there?

Where do we get metal from?

How is metal used in our everyday lives?

What forces do we use on the apparatus in a playground?

Our Learning Journey

Supporting your child's learning at home.

Engage

Children will:

- Use a range of information books and stories to find out about the mighty Zeus and the other gods and goddesses of Ancient Greece.
- Investigate maps of Ancient Greece to learn about the smaller city-states.
- Order events and dates from Ancient Greek history on a timeline.

Develop

Children will:

- Write a diary entry based on the myth of Daedalus and Icarus, discuss their writing with others and making improvements.
- Listen to and join in with a performance of the Greek alphabet.
- Contrast the lives of the rich and poor in Greece, as well as exploring different aspects of everyday life.
- Write instructions for building the Trojan Horse or rescuing Helen of Troy.
- Investigate Greek soldiers and their weapons / armour.
- Practise synchronised battle movements within a giant phalanx.
- Read and watch a variety of Greek myths, considering the characters' thoughts and reasons for their actions.
- Learn how the Greeks influenced our language, architecture and many other aspects of our lives.

Express

Children will:

- Take part in a mini-Olympics tournament representing different city-states of Ancient Greece.
- Design and create their own Greek god or goddess.
- Use PowerPoint to reflect on their learning throughout this topic and create a presentation.

- Please ensure that your child reads daily at home and practises for their weekly spelling test.
- Our 2 'My Choice' homework tasks this term will be **Metals** and **Musical Instruments**. The children will have 2 weeks to complete each of them. Please write a comment in the parents' box and encourage high standards of presentation.
- Maths homework will alternate every week between Maths Target Team (to be completed in a book) and Mathletics (a **voluntary** online homework where children are encouraged to earn a certificate by gaining 1000 points in a week).
- Children are also encouraged to use Times Table Rockstars as often as possible to help develop their rapid recall of times tables facts.

Please do not hesitate to contact me if you have any queries relating to homework or any other aspects of your child's learning.

Mr Walding 😊

Maths	Place Value - Compare and order numbers up to 1000 / 100s, 10s and 1s / Counting in 50s / Finding 10 or 100 more or less than a given number Geometry: Properties of Shapes – Recognising and comparing angles / horizontal, vertical, parallel and perpendicular lines / 2D and 3D shapes Number: Addition and Subtraction – Adding & Subtracting multiples of 100 / Adding & Subtracting 3-digit numbers and ones			
English	Character profiles of Greek gods and goddesses Diary writing / Instructions / Commands The Greek alphabet (Performance) and English words with a Greek origin Reading and writing Greek myths (Daedalus & Icarus / The Trojan Horse / Theseus & the Minotaur)			
Science	Identifying that humans and some animals have skeletons and muscles for support, protection and movement Learning about the differences between vertebrates and invertebrates (exoskeletons) Finding out how birds fly using their wings			
Art & DT	Sculpture in Ancient Greece (papier maché Greek god head) Designing a Greek vase based on a myth	PE	Athletics – running, jumping and throwing Relay races Greek battle formations	RE The Church Year, major Christian festivals and special events
Computing	PowerPoint Presentations Word Processing ('Copy & Paste') Using a web-based translation tool to write in Greek	PSHE	New school year Resolving Differences Trial by jury	
Geography	Using an atlas – continents and oceans Locating Greece on maps and globe Investigating maps of Ancient Greece (city-states)	French	Greetings and Numbers	
History	Ordering events and dates from Ancient Greek history on a timeline Comparing & contrasting modern life with Ancient Greece Finding out about famous Greeks such as Plato, Pythagoras etc...	Music	Traditional Greek music and dancing	