Inspirational Inventors – The Legacy of Ancient Greece

Rationale: Legacy of the Ancient Greeks - The influence of the Ancient Greeks is still felt by us today. The major impact on our lives today is in the arts, in philosophy, and in science, math, literature and politics. For example they were the creators of: Trial by Jury, Democracy, Theatre plus The Olympics, Marathon, Building styles (Architecture) and the basis of our very own language is influenced by the Greeks who invented the first alphabet with vowels. They studied the stars, created calculations and made medicines. In short, the Ancient Greeks were inspirational inventors and our aim is to explore how the Ancient Greeks have influenced our modern day culture.

Creativity	Independence	Aspiration
• We made our own Greek pillars and tested their strength	• We now know what a digital trail is and how we can monitor ours. • We produced a range of writing.	• We thought about our future and the future of our planet and what our legacy will be.

Spark	Learning Celebration
• Children tasted a variety of foods, Olives, Olive oil, flat bread, humus, yoghurt with honey and learnt these foods all originate in Greece. Some were nicer than others! • Watched a video clip Scholastic : Horrible Histories: https://www.youtube.com/watch?v=M7lqMWqDJIk	• We created corridor display of our sea creatures made from plastic to accompany our written work about the problem with plastic pollution.
Role Playing/Life Skills/Real Learning • Made and used a working sundial • We learned about British values with a focus on the origins of our democracy. We debated on several topics including whether pupils should be allowed mobile phones in class.	**Community Cohesion** •
Out of Classroom Opportunities • We visited RAF Scampton to learn about machines used in World War One at their heritage centre. • Challenge Day at SWA	**Home Learning Activity** • http://greece.mrdonn.org/city-states.html information on Ancient Greek city-states. • http://www.ducksters.com/history/ancient_greece/greek_city_state.php more information about city-states. • http://www.bbc.co.uk/schools/primaryhistory/ancient_greeks/greek_world/ the BBC website on Primary History: Ancient Greece
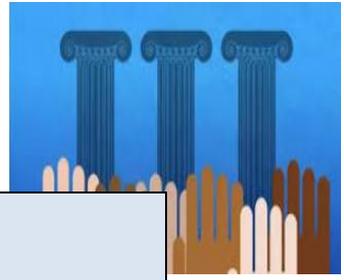
Computing and E-safety
• Research using an online search engine.
• Explain what makes a website reliable.
• Use software to record audio and upload it to the internet. (Could we possibly upload to school website?)
- Travel blog using iPad's- Who can access what we're writing? Is it appropriate for our age group? Your digital trail.

Links to discrete subjects:
English:
• Reading comprehension including making comparisons within and across books, distinguish between statements of fact and opinion, retrieve, record and present information from non-fiction. The pupils read several different myths (The Wooden Horse of Troy, Theseus and the Minotaur) and then looked at images of artefacts and drawings to form opinions and tried to prove or disprove giving reasons for their answers.
We have:
- Studied a variety of Greek myths making comparisons between stories.
- Developed use of figurative language and perfected the use of a variety of grammatical sentence structures when writing character descriptions. The children enjoyed creating mythical creatures and wrote descriptive sentences about their mythical beast.
- Etymology – origins of English words developed from Greek language.
- We wrote a letter to Colin Furze to persuade him to come and join us and help with our invention topic.

Maths:
- The children used the Golden Rules for drawing shapes and also fractions to calculate the proportions of a Greek temple before drawing it onto squared paper.
- Make accurate measurements
- Completed a colossal column challenge to see which shapes could hold the greatest amount of weight.

History:
- We explored different kinds of historical sources; we debated which sources are valid and reliable.
- We devised questions for historical research, finding information about democracy, the Olympics, Temples and   language.
- Construct informed responses that involve thoughtful selection and organisation of relevant historical information. Understand how our knowledge of the past is constructed from a range of sources.

Science:
- Made observations of how shadows change over the day.
- Made accurate measurements to help create a sundial
- Forces

Geography
• The children enjoyed using 4 and 6 figure grid references to identify features on a map.
- We located modern day Greece on a globe and made observations about Greek islands and terrain. We all tried different foods from Greece and considered why they are grown/produced there.
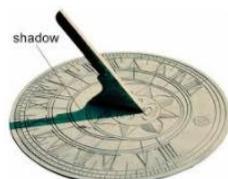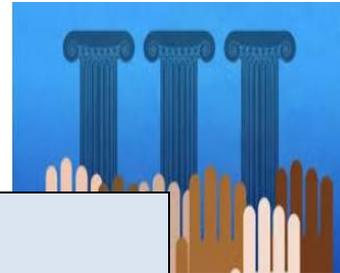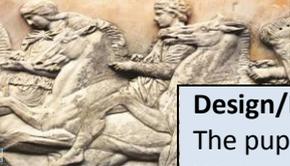
Design/Food
The pupils enjoyed tasting a variety of foods from Greece.
We tested the strength of different shapes in our colossal column challenge.

PSHE / British Values We discovered that democracy originated in Ancient Greece.
Environment- sea of plastic. Children researched and presented their findings about the impact of plastic pollution on marine animals.
Art: Sculpture.
Pottery- what's the story? How did it last?

Computing:
- Research using an online search engine.
- Explain what makes a website reliable.
- Write a travel blog- e-safety. Your digital trail.

Steps to success
- Pupils created a map of activities and questions they'd like to research about Ancient Greece.
- Re-caped research skills (link to e-safety sessions) note making and referencing materials in their own reports.
- Provide pupils with hands on experiences (Food tasting, temple building, helping or local community, sea of plastic) to inform and enrich writing process.

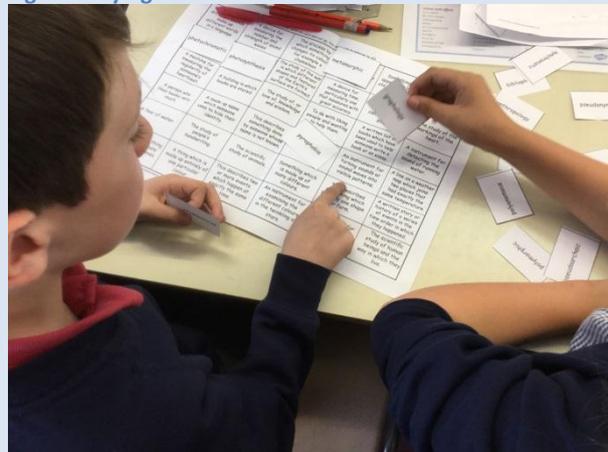How will the project be evaluated?
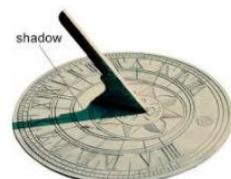

Figure 1 Flying a Red Arrow!

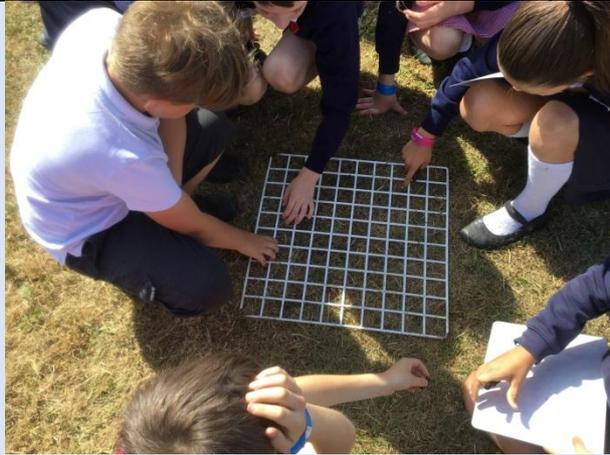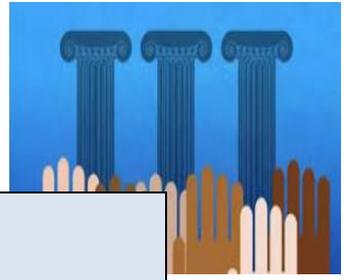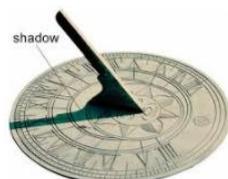**Figure 2 Matching words to their definitions**

Figure 3 Working as a team to solve a problem

Figure 4 Making and testing paper aeroplanes

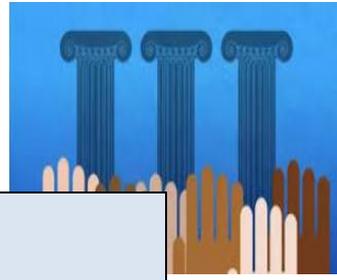Figure 5 Inferring information from primary sources

Figure 6 Colossal Column Challenge

Figure 7 Tasting Greek Foods

The children enjoyed tasting the foods although the olives weren't to everyone's taste! They particularly enjoyed the team challenges and were surprised by the amount of weight a set of paper columns could hold.

Some children were amazed by how many words from the English language originated from Ancient Greece and enjoyed the challenge of matching some very tricky words to their meanings.

Many children said they enjoyed being philosophers and thinking about important problems such as plastic pollution. It was shocking how humans have had an impact on our environment, realising the importance of recycling and considering what our legacy shall be.