

GROOVY GREEKS

Task 2 - DT

To make a costume for Greek day.

See attached sheet.

Task 1 - Reading Task

To find a Greek myth story that you can learn to tell and perform to the class on Greek Day.

Task 3 - Topic Task

Sport in Ancient Greece

Look at this list of popular sports in Ancient Greece:

running	wearing armour
wrestling	throwing the discus
long jump	chariot racing
horse racing	throwing the javelin

Research the history of the Olympics. Write a story about an athlete who takes part in the Greek Games. What are they training for? What happens at the Games?

Task 4 - Maths Task

Sieve of Eratosthenes - around 200 BC.

This is an efficient method for finding all of the primes up to a certain number. It is usual to use it up to 100 but it is the most efficient method of finding prime numbers up to a limit of 10 000 000!

To do it:

Use a 100 square. (Handed out separately)

Cross out 1 as it is not a prime.

Circle 2 then cross out all the subsequent multiples of 2. What do you notice?

Now circle 3 and cross out all of the available multiples of 3 thereafter. 4 will already have been crossed out.

Circle 5 and cross out all the subsequent multiples of 5 that are not already crossed out. Continue this process for 6, 7, 8, 9 etc., noticing any patterns in the numbers crossed out and recording them.

Why do you think this happens? When is the first time you circle a number and there are no multiples of it to cross out in the 100 square? Why do you think that is?

Extension:

Instead of a classic 100 square try doing this on a grid with a different 'width'. This might have 1 through to 12 on the top row then 13 to 24 on the next and so on. What changes in this situation and what stays the same?

Task 5 - Science Task Famous Scientists

Ruth Benerito is a famous scientist who found out how to make clothes wrinkle free. She developed a fabric that clothes could be made from so that they wouldn't need much care at all. They might not even need ironing!

Modern homes around the world were delighted that the household chore of ironing was being made quicker and easier.

1. Write three questions you could use to interview Ruth.
2. Design a t-shirt that uses the new fabric. Explain all the good things about the fabric and why customers should buy it.

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Cawston Church of England Primary Academy

Beech Class Homework