

Ancient Greece

| General information | | | |
|------------------------------------|--|---|--------------------------------------|
| Respective blueprint | Ancient Greek mosaic | | |
| Description | <p>Students will learn about ancient Greek culture and the gods believed in by the ancient Greeks.</p> <p>They will learn how to create ancient Greek mosaics from seeds.</p> <p>They will update their mathematical knowledge and skills - arithmetic and geometry - by solving the problems.</p> <p>They will be able to sort puzzles.</p> <p>Students will get used to working in a team.</p> | | |
| Learning objectives | <ul style="list-style-type: none"> • To update their knowledge of mathematics with different tasks: Skills for addition and subtraction of numbers up to 1000, multiplication and division of numbers up to 100, and finding the perimeter of a geometric figure. • To perceive new knowledge and reproduce it orally or in writing. • To work in a team. • To develop skills such as logical thinking, dexterity, accuracy, precision, aesthetic taste, etc., during practical tasks. | | |
| Related curricular subjects | <p>History - knowledge about the ancient Greek culture and the ancient Greek gods;</p> <p>Geography – finding Greece on the European map ;</p> <p>Mathematics: arithmetic and geometric problems;</p> <p>Fine art - creating a model of an ancient Greek mosaic.</p> | | |
| Duration | 80 minutes | | |
| Level of difficulty | Basic <input type="checkbox"/> | Medium <input checked="" type="checkbox"/> | Advanced <input type="checkbox"/> |
| Inclusivity guidelines | | | |
| How to integrate students with SLD | <ul style="list-style-type: none"> •Formulate simple instructions that only require one action at a time. •If you give oral instructions, keep track of them in pictograms or written on the board. •When you give instructions (oral or written), highlight the word of action so pupils know what they are expected to do. | | |

| | |
|---|--|
| | <ul style="list-style-type: none">•When possible, you can show the expected result of the manipulation.•When creating groups, try to place students with difficulties with students who are generally more advanced so that they can help each other (for example, a dyspraxic student will have much difficulty with cutting tasks). |
| How to integrate students who work faster | They are given additional tasks, such as finding the circumference and face of the ancient Greek mosaic they will make by measuring its sides themselves. The last step in the lesson - creating a Greek pattern based on a sample - is also intended for students who can cope more quickly. |

Step-by-step description of the lesson

Step 1: Math puzzle

Estimated time:
10 minutes

Students are divided into teams.

On a sheet of paper, cut into as many parts as there are team members, there are math problems. Each student from each team solves a task by glueing the sheets so that on the reverse side, they get a puzzle.

They watch a short video and learn about ancient Greek culture by learning about the puzzle images.

You can find this resource in the attached teacher worksheet.

Step 2: History and facts

Estimated time:
15 minutes

- They listen to the teacher's story, watch a presentation, and tell what they have learned by answering questions.

The ancient Greek civilisation arose and developed in the southern part of the Balkan Peninsula, the islands of the Aegean Sea and along the coasts of Asia Minor. The ancient Greeks called themselves Hellenes and their country Hellas. The island's inhabitants of Crete were good navigators - they traded briskly and created fine art. On the walls of the palaces, birds fly, dolphins swim, peacocks walk, women dance, and acrobats compete.

The ancient Greeks imagined their gods in human form. Zeus led them. Hera was the patroness of the hearth, Athena of wisdom, Poseidon of the sea, Artemis of the hunt, Dionysus of wine and fun, and Apollo of the arts. People paid their respects to them by erecting statues, temples, and shrines for them.

You can find this resource in the attached teacher worksheet.

<https://www.youtube.com/watch?v=1z3lTrzXSJk> 13.06.2023

Step 3: Check what you
remembered from Step 2

Estimated time:
5 minutes

- On a worksheet, students connect the names of the ancient Greek gods with their vocation.
- They fill in the missing words in the text.

You can find this resource in the attached teacher worksheet.

Step 4: Math problems – prepare to create the mosaic

Estimated time:
15 minutes

By solving a mathematical circuit that resembles the route of an ancient Greek ship, students arrive at the answer, a number to which they determine the number of hundreds, tens and ones. They count correctly and incorrectly from the number that answers the problem.

They solve a mathematical problem that tests their ability to observe and think logically.

Solve multiplication and division problems of numbers up to 1000 written in a table. They discuss what hidden geometric shapes are in it.

They conclude that they will look like a mosaic if they colour them with different colours.

You can find this resource in the attached teacher worksheet.

Step 5: Make a mosaic from seeds

Estimated time:
30 minutes

Follow the instructions from the corresponding blueprint to create an ancient Greek mosaic.

Follow the contours and try to get symmetrically placed elements in the mosaic.

The team leader presents the finished product.

Step 6: An extra task for teams that finish faster

Estimated time:
5 minutes

The teams that got through faster were finishing the Greek mosaic, which resembles embroidery and is typical of Greece.

The created mosaics are presented on the magnetic board.

Assessment activities

Activity 1: Self-assessment and evaluation of the created mosaics

- After observing and comparing the presented mosaics, each team makes:
 - self-assessment
 - evaluation of the mosaics of the other teams.
- Possible criteria:
- Are the figures symmetrical;

- are the contours respected;
- are the seeds glued thoroughly and cleanly;
- overall view;
- aesthetic impact.

Activity 2: Exit ticket

Each student fills out an exit ticket.

Attachments

- Presentation
- Worksheet with a sample puzzle and other resources

References

https://youtu.be/EmMqTDsISAI?si=CgCqyRIVlx8Mpl_6 , 01.08.2023

<https://www.youtube.com/watch?v=1z3lTrzXSJk> 13.06.2023

ANCIENT GREECE - ANCIENT GREEK MOSAIC

Name:.....

Task 1. Solve the problem from the sheet. On the back there is a piece of a puzzle. The team arranges the puzzle.

Task 2. Link true:

| | |
|-----------|--------------------------------|
| Hera | Goddess of Love |
| Athens | Goddess of Marriage and Family |
| Aphrodite | Goddess of Wisdom |
| Poseidon | King of the Gods |
| Zeus | God of the Sun and the Light |
| Apollo | God of the Sea |

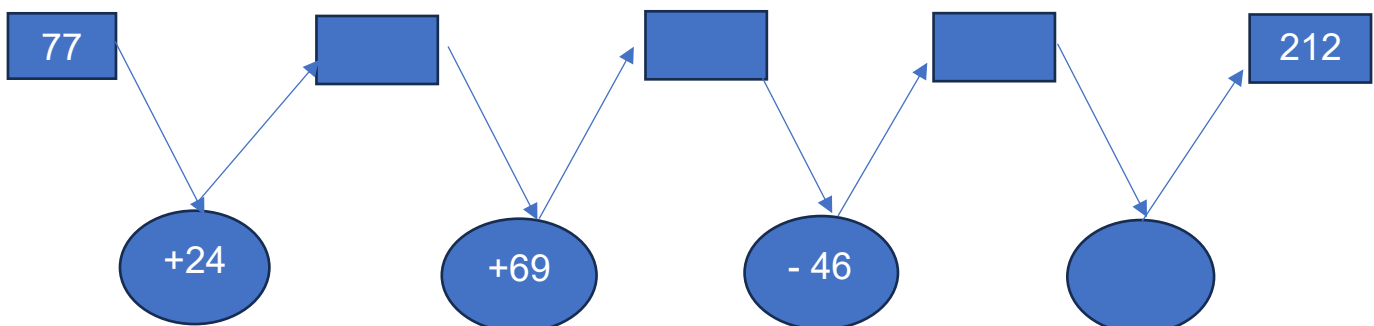
Task 3. Fill in the omitted words in the text.

Ancient Greek civilization arose and developed in the southern part of peninsula, the islands of the Aegean Sea and along the coast of Asia Minor. The ancient Greeks called themselves, and their country – The inhabitants of Crete were good – they traded lively and created fine art. The ancient Greeks imagined their gods in image.

Auxiliary words: Greeks, Balkan, human, good navigators

Task 4. Solve the problem in the chain, which resembles the route of an ancient Greek ship.

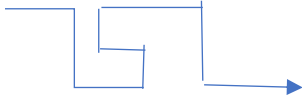
Count in straight and reverse order from the final answer.



Task 5. Decide. Color the boxes of different colors. What does it look like?

| | | | | | | |
|------------|---|----|----|----|----|-----|
| Multiplier | 9 | 8 | 10 | | 12 | 10 |
| Multiplier | 9 | | | 8 | 5 | |
| Product | | 48 | 60 | 72 | | 100 |

Task 6. Finish the Greek measles.



★ ★

I feel.....

The most difficult thing was for me to.....

.....

I already can

I already know.....

A personal quality of my own that I have discovered is.....

★ ★

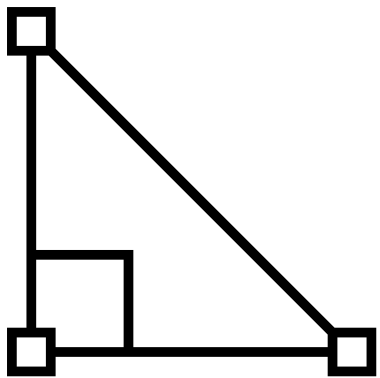
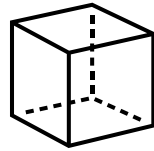
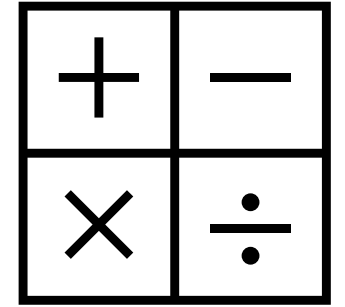
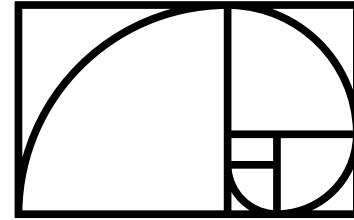


The following 2 pages can be used to make a puzzle(Print double-sided.):

| | |
|---|--|
| <p>Put parentheses if necessary in order to get true :</p> $30 + 20 : 10 - 5 = 34$ | <p>Put parentheses if necessary in order to get true :</p> $30 + 20 : 10 - 5 = 27$ |
| <p>Put parentheses if necessary in order to get true :</p> $30 + 20 : 10 - 5 = 0$ | <p>Put parentheses if necessary in order to get true :</p> $30 + 20 : 10 - 5 = 10$ |
| <p>Put parentheses if necessary in order to get true :</p> $2 + 3 \cdot 10 - 8 = 8$ | <p>Put parentheses if necessary in order to get true :</p> $2 + 3 \cdot 10 - 8 = 42$ |

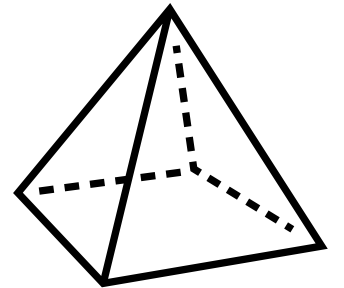


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Ancient Greece

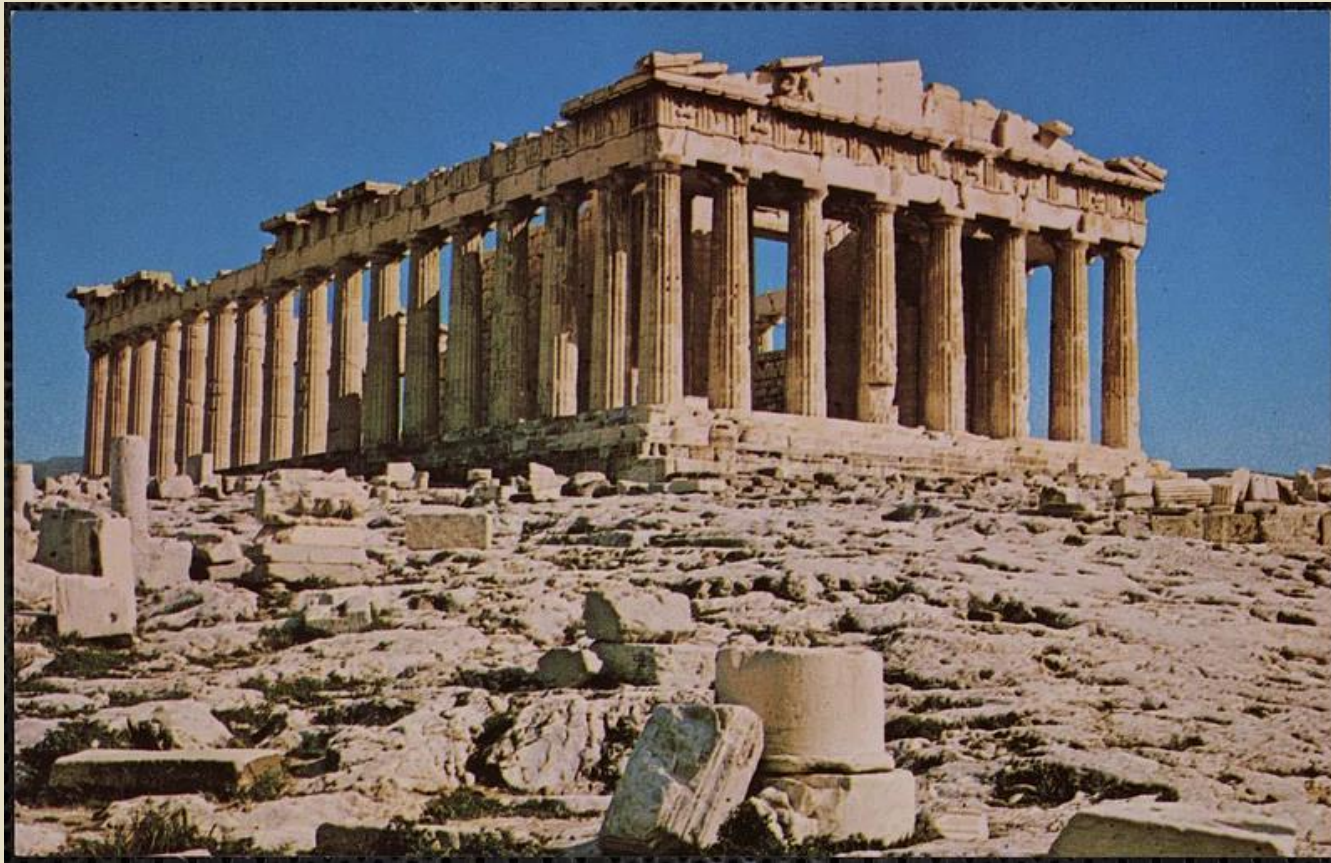
Mosaic



The Ancient Greeks

- Ancient Greek civilization originated and developed in the southern part of the Balkan Peninsula, the islands of the Aegean Sea and along the coast of Asia Minor. The ancient Greeks called themselves Hellenes and their country, Hellas.

The Ancient Greeks



<https://www.rawpixel.com/image/8906465/photo-image-arts-vintage-public-domain>

The Ancient Greeks

The inhabitants of Crete were good sailors – they traded lively and created fine art.

Birds fly on the walls of palaces, dolphins swim, peacocks walk, women dance, compete acrobats.

The Ancient Greek Gods

The ancient Greeks imagined their gods in human form. They were led by Zeus. Hera was the patroness of the hearth, the Athena of wisdom, the Poseidon of the sea, the Artemis of hunting, the Dionysus of wine and merriment, the Apollo of the arts.

People paid tribute to them by erecting statues, temples and shrines.

The Ancient Greek Gods



<https://www.rawpixel.com/image/2562258/free-illustration-image-painting-sea-vintage>

Resources from the Internet to use during the lesson

Source, 25.07.2023:

<https://www.dreamstime.com/stock-photo-mosaic-lindos-rhodes-greece-floor-ruins-ancient-greek-athena-temple-island-image46419364>

Ancient Greece for kids:

<https://www.youtube.com/watch?v=IUZKg3KdtYo>

Making mosaic in Jordan:

<https://www.youtube.com/watch?v=wsZLKVIN2Zo>

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