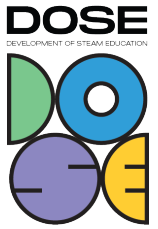


TEMPLATE for BEST PRACTICE EXAMPLES - SOLVED TASK



1. Name of the task

Mathematical memes

2. Why did you choose this task?

This task seemed interesting for students in our modern society. Students have the opportunity to look at the process of learning mathematics in a modern way, using the visual method - memes.

3. Subjects covered from STEAM areas

Technology, Art and Mathematics

4. Target group (age range and size of the group)

A group of 25 students aged 14 years

5. Duration of the activity

2 weeks

6. Key words

Mathematics, Arts, Memes, Modern society, Information technologies, Creativity, Leadership.

7. Key sentence describing context of the activity, followed by short description (200 words):

The Mathematical Memes activity involves independent learning which could increase students' individual learning, and also improves social and collaboration skills. The presented task combines the integration of different disciplines and the main goals of STEAM education.

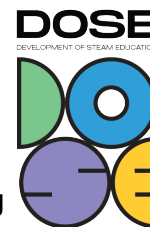
The aim is to find the origin of the mathematics memes, to discuss the spread and influence of the meme format in modern society and their impact. Students, working in groups, have to come up with a few ideas for memes, find photos that match their imagination, and combine them, and as a result create Mathematical meme. During the implementation of the challenge, general competencies were developed: ability to learn (to move on and achieve goals), communication (proper expression of ideas and communication), social (communication and cooperation), cognition (desire to learn, discover), initiative and creativity (to suggest creative ideas), personal (to reflect on one's feelings, to evaluate their own actions), information literacy (proper use of technology, Internet).

8. Description of the activity environment, including the list of materials and tools needed:

Methods: Narration, demonstration, discussion, brainstorming, self-assessment.

Tools: paper, pens, internet.

TEMPLATE for BEST PRACTICE EXAMPLES - SOLVED TASK



9. **Step by step, detailed description of the activity, including teaching and learning strategies:**

During the first math lesson, the students have to answer the main questions in groups

- Who makes the memes?
- Why are these memes so popular?
- Who is creating online memes?
- Can anyone create memes?
- Can these memes be used only as entertainment?
- Do memes have an educational aspect?
- What can we learn from memes?
- Who is the main user of the memes?
- What are the benefits of memes?

After answering questions, the group should review examples of mathematical memes. The analyzed information should be presented in class. In the second lesson, using a method of brainstorming, students should try to present as many situations as possible that could turn into mathematical memes.

10. **Learning objectives/competencies:**

Educational activities are based on the development of students' ability to learn and personal and cognitive competences, Integrating different subjects. Communication skills of students are also developed.

11. **Evaluation/Assessment guidelines:**

For self-assessment students used an online tool Reflectus. In math and information technology lessons, students were assessed with a cumulative score according to pre-provided assessment criteria.

12. **Lessons learned:**

Students got acquainted with the history of the origin of memes and development. Students divided into groups (2-3 students) created a meme. Students became familiar with the possibilities of using the Meme Generator Free program.

Program:

<https://imgflip.com/memegenerator/27596988/Free>

<https://www.canva.com/create/memes/>

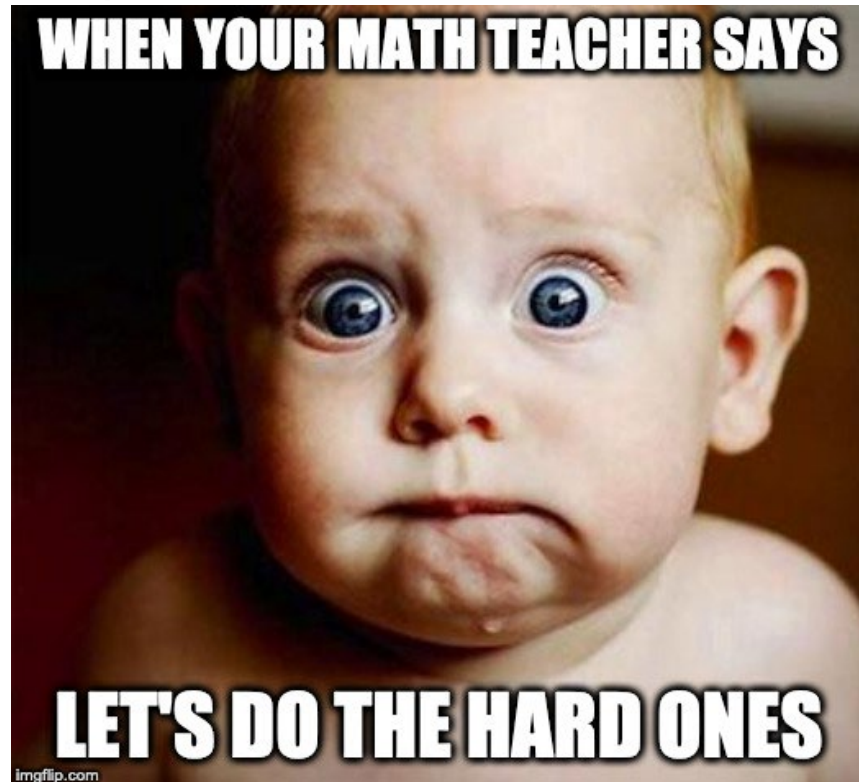
The history of memes:

<https://www.nytimes.com/2022/01/26/crosswords/what-is-a-meme.html>

13. **Contact person:** Živilė Mitkevičienė

TEMPLATE for BEST PRACTICE EXAMPLES - SOLVED TASK

Examples of the mathematical memes:



Me: gets a 40% on the test
Teacher: the lowest was 36%

Me:



TEMPLATE for BEST PRACTICE EXAMPLES - SOLVED TASK

When you go to your mum at 00.00 am to

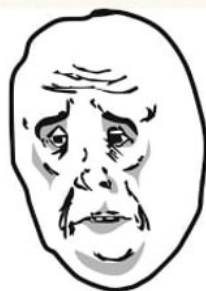
Say that you need a new thing for math:

(Kai eini pas mamą 00.00 pasakyti, kad man reikia naujo dalyko matematikai)



The smart kids being angry on each other because one of them has answer 25 and other 24. Me Who get 34.006255:

(Protingi vaikai pyksta vienas ant kito nes vienas vaikas atsakymą gavo 25 o kitas 24. Aš kuris gavo 34.006255:.)



Two smart kids explaining whether the answer is 22 or 23.

Me when i got 180:



When you get 10 in math class for first Time :

(Kai gauni 10 matematikoje pirmą kartą . .)

