

# Activity Design (lesson plan)

involving the use of social media in school

## Maths on social media!



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Title of the activity	Subject/discipline	Type of lesson
<ul style="list-style-type: none"> <li>• <b>Maths on social media!</b></li> </ul>	<ul style="list-style-type: none"> <li>• Mathematics: creating polls and videos</li> <li>• Citizenship and development - Respect among peers</li> <li>• ICT - Online platforms and resources</li> <li>• Technological/visual education - recording and editing videos</li> </ul>	<ul style="list-style-type: none"> <li>• Flipped classroom (analysis and production of digital videos/products)</li> </ul>

Age of students	Duration	Social Media tools used
10-14 years	<ul style="list-style-type: none"> <li>• 50 minutes (presentation of the theme, organization of students, explanation of methodology).</li> <li>• Teamwork, at home.</li> <li>• 50 minutes (teamwork in the teams).</li> <li>• 50 minutes (upload the videos/presentations online, in the social media)</li> <li>• 50 minutes (shared reflection on the learning achievements).</li> </ul>	<ul style="list-style-type: none"> <li>• Microsoft Yammer</li> <li>• Youtube</li> <li>• Flipgrid</li> </ul>

Learning outcomes	Methods/strategies used
<ul style="list-style-type: none"> <li>• Use the media as a means of learning;</li> <li>• Stimulate critical thinking in the analysis of real problematic situations;</li> <li>• Stimulate empathy and a spirit of help;</li> <li>• Use of online multimedia resources;</li> </ul>	Individual work and teamwork (cooperative teams);





## Description

**Step 1.** The teacher creates a group on a social media tool to be used in the activity. Example: Yammer - Microsoft 365

**Step 2.** On social media, the teacher provides a video tutorial on the subject, recalling some previous concepts.

**Step 3.** The teacher creates a challenge for students to solve at home and give feedback through the social media platform.

**Step 4.** Students can ask questions on the social media for peers to answer.

**Step 5.** The teacher encourages students to clarify and answer each other's questions with respect and scientific rigor.

**Step 6.** The students watch the video tutorial at home and respond to the challenge launched by the teacher by publishing their suggestion to solve the challenge. The students' post on social media can be done in audio or video.

**Step 7.** Each student must comment constructively at least at one students' proposal for the resolution of the challenge.

**Step 8.** In the classroom, the teacher projects all the students' answers and proposes to be discussed between peers.

**Step 9.** In the classroom, students already in pairs, discuss all the answers and try to clarify doubts that may persist among them, so that, with respect and humility, reach common conclusions.

**Step 10.** The students in pairs prepare a presentation (eg PowerPoint, video, canva, etc.) for the class to explain the challenge.

**Step 11.** All peers share their presentation on the social media platform (ex: Yammer).

**Step 12.** While students present their resolution proposals, other groups of students can ask questions and contribute constructively, respecting their peers' work.

**Step 13.** The teacher takes the opportunity to question the class, encouraging students to think critically. Together, they build knowledge.





## Assessment

- Impact recognized by students on what they know before and after they developed the activity;
- Formative valuation from a rubric.

## Resources

- Youtube
- PowerPoint
- Flipgrid

## Tips & Tricks

- . Compliance with the law should be ensured with regard to the recording and dissemination of sound and image, particularly of younger students and data protection regulations in general.

