

Mobile Learning & ICT Lesson Plan Template

Lesson Plan Title-

The water cycle

Lesson Description (brief)-

After learning about the water cycle, students will create a video-animation showing understanding of what they have been learning.

Age Group-

6-7 years old (Primary education)

Duration-

2 class periods (50 minutes each)

Objectives-

Students will:

- Identify the different stages in the water cycle (evaporation, condensation, precipitation and collection)
- Discuss and brainstorm with their peers about the content in the video.
- Work collaboratively with peers to create an animated video.
- Make an oral presentation about their animations.

Classroom Set-up (Please include a description of your class setting)-

- In the first part the students will work as a group class, on their individual seats.
- During the next stage students will work in groups of 4.
- Finally each group will present their videos to the group class.

Materials/Hand-Outs-

- Students will need a copy of the worksheet: 'The water cycle':

http://learningworkroom.com/uploads/The_Water_Cycle_Diagram_Worksheet_b_w_.pdf

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- Video Tutorial about Flip Boom Draw: <https://www.youtube.com/watch?v=Z9yCn8gpRhi>
- Video storyboard template (as their level of English is not very high, teacher will allow students to fill it in their mother tongue):
<https://sps-newmedialiteracies.wikispaces.com/file/view/Multi-Media+StoryBoard+Template.pdf>

Apps/Web Tools/ Technology-

- Flip Boom Draw Toshiba – app:
<https://play.google.com/store/apps/details?id=toonboom.FlipBoomToshiba>
- Tablet Android
- Digital Board

Pre-teach-

Students will work on the unit about water before being able to the activity. They will learn about the states of water (solid, liquid and gas), the places where you can find water, the differences between saltwater and freshwater and the water cycle.

Detailed Lesson

Before the Task-

- Students will review the water cycle with the teacher; they will do the worksheet 'The water cycle' individually.
http://learningworkroom.com/uploads/The_Water_Cycle_Diagram_Worksheet_b_w_.pdf
- Teacher will explain the task: they will have to create an animation about the water cycle using the app in their tablets 'Flip Boom Draw'. They will do the animated video in groups of 4. Afterwards they will have to present their animation using the Digital Board.
- Teacher plays the videotutorial to show students how to work with the app.

During the Task-

- Students in groups of 4 think about the animation design. They distribute their tasks and fill the storyboard template.
- Once they have their storyboards, the students will start to create the different scenes using the app Flip Boom.
- When they have their animations created, the teacher will publish them via Youtube.

After the Task-

- Students within the same groups will prepare the presentation establishing their turns to talk about the different parts of the presentation.

Presentation-

- Each group will present its own animation. The animation will be played on the Digital Board so everybody can see. They will talk about the water cycle stages in English.
- The rest of students can ask question at the end of the presentation.

Assessment-

Rubrics to assess their job:

- <https://docs.google.com/document/d/1iE02HCF8pIR5SgwpgpXILwMv1Bi2KiwDNn4VOU1prYk/edit>
- http://rubistar.4teachers.org/index.php?screen>ShowRubric&module=Rubistar&rubric_id=2063945&

Additional Notes/Tips for Success-

- Teacher should record the audio presentations in order to create a video with the animation and the sound together, so students can see their work published and they can use them to review for their tests.