

## TOPIC

Animal characteristics and water conservation

## SDGS



## LEARNING OUTCOMES

- 3.2.2 I can group animals in different ways according to their characteristics.
- 3.2.3 I can identify common animals that live on land, in water or can fly.
- 3.7.2 I can recognize and discuss the importance of saving water.

## MATERIALS NEEDED

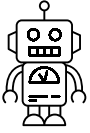
<https://www.csm.edu.mt/stemmersion/>

- Teacher's guide: stemmersion\_y3\_s3\_Creating an animated poster\_teacher's Guide.pdf
- PowerPoint: stemmersion\_y3\_s3\_Animated poster.pptx
- Robotic cards per group: stemmersion\_y3\_s3\_robotics\_animal images and characteristics.pptx
- Robotic cards per group: stemmersion\_y3\_s3\_robotics\_Name Cards.pptx
- A4 blank sheet
- Pencil colours/ markers
- Tablet with the ChatterKid/ChatterPix App per group
- Robot per group
- Robotic Mat (may depend on the robot used)

## KEY WORDS

fresh water, sea water, contaminated water, water shortage, save/conserve water, pollution, rain water, farm, wild, wings, legs, fur, feathers, scales, tail, fins, grouping, characteristics, habitats

## SESSION ACTIVITIES



### Robotics Activity:

- The educator places the animal images in various boxes.
- Students pick an animal characteristics card.
- Students need to identify the animal characteristic to the corresponding animal.
- Students then provide the robot with instructions to move to the selected animal. To increase the level of difficulty, the student may be asked to provide such instructions while also making sure the robot avoids passing over the other animal image cards.



### Creating an animated poster with slogan:

- Students will work in groups and create a poster related to water conservation.
- Students collaborate to draw and colour this poster on a blank A4 sheet.
- Students must also decide on a slogan for their poster. The slogan does not need to be seen in the poster as this is going to be recorded later on.
- The slogan and the poster should illustrate clearly and in a simple manner a message related to the importance of water conservation.
- Once the slogan and poster are complete, using a tablet and the ChatterPix App, students take a photo of their drawn picture, animate it and voice record themselves saying the slogan.
- These animations can be saved and downloaded as a .mp4 video. These videos can then be collated and uploaded to the free online ebook website: <https://bookcreator.com/>.
- More details in the Creating an Animated Poster (Teacher's Guide) found under the Additional resources section at <https://www.csm.edu.mt/stem-year-3/> The students can then share their creations together. The ebook can also be disseminated with parents or online, spreading the students' messages, and creating an authentic audience for the students.