

What's the Infrastructure? (Y7-Y9)

Lesson: What's the Infrastructure? (Y7-Y9)

Age Group (Grades): 7-9

Lesson duration: Approx. 15 minutes

Aim: Students can identify the key differences that distinguish between natural water bodies and man-made infrastructure. Students are able to build their knowledge and support their answers with rationale and reasoning.

Notes

This activity will encourage students to identify and explain the differences between natural waterbodies and water infrastructure.

Instructions

1. Students will be given two-sided paddles displaying 'natural' and 'Sunwater' on each side to vote.
2. The presenter will display an image of a type of water infrastructure, either natural:
 - a. River
 - b. Sand dam
 - c. Oyster Bed/Sea GrassOr Sunwater/Man-made:
 - a. Dam
 - b. Weir
 - c. Channel
3. The presenter will begin with easy examples, where the students will vote on whether the image is of a natural water body or Sunwater water infrastructure. This will be followed by brief discussion and students' reasoning on their choice.
4. It will become increasingly difficult to distinguish, examples will be cropped, zoomed in, or focused on a particular part of the image.
5. When votes become divisive, the presenter will ask students to explain their decision by using specific parts of the image and explaining features of that infrastructure.
6. Once all the images have been voted on, the presenter will lead a discussion on features that were common between natural infrastructures and Sunwater infrastructure.

Resources

- Image examples (natural water bodies and water infrastructure)
- Voting paddles
- Projector and screen or smartboard