# **LESSON PLAN: Marine Pest Superhero**

## *Time:*

45 minutes

## *Summary:*

After watching the Marine Pests video, students will work in groups to create an imaginary creature that is capable for eradicating the Port Phillip Bay of marine pests.

## *Level:*

Middle School,

High School

## *Objectives:*

***1. Students will***identify ways in which marine pests have invaded Port Phillip Bay.

***2. Students******will***list several species of marine pests that are a local problem.

***3. Students will*** create an imaginary creature that preys upon the marine pests of Port Phillip Bay.

## *Materials:*

• Marine Pests video.

• “Marine Pests Video Questions”

• Paper

• Markers/colored pencils

• Access to Parks Victoria’s Marine Pests in Victoria: A Quick Reference Guide either printed or online at <http://parkweb.vic.gov.au/park-management/environment/weeds-and-pests/marine-pests>

• Computers and with internet access.

## *Instructions:*

1. Show students the video titled ***“Marine Pests.”***

2. During the video, students may complete the companion worksheet ***“Marine Pests Video Questions.”***

3. Students should form groups of 2 to work cooperatively.

4. Read about the features of Port Phillip Bay’s marine pests in ***Marine Pests in Victoria: A Quick Reference Guide.*** As you read, highlight or list features of the marine pests that your imaginary creature can use to its advantage. For example, maybe a leady plant-like pest could be used to make the superhero’s clothes and help it stay camouflaged.

5. As a group, decide together on the following features of your superhero:

• Superhero’s name

• The type of organism the superhero is similar to, or which combinations of organisms

• The superhero’s powers – how does it eliminate the marine pests? Use your research from the Parks Victoria guide.

• Describe any tools of gadgets the superhero uses to combat the marine pests.

• If the superhero has a secret hideout, describe that also.

• If the superhero has a weak spit, explain what it is.

6. Draw a picture of your superhero.

7. If time allows, students can present their superheros to the class.

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