THE AQUARIUM DU QUÉBEC ONLINE!

ACTIVITIES OFFERED

1 WHO ARE YOU, AMAZING SEAHORSE?

Elementary school – Grades 1 and 2

MAIN ACTIVITY
Through a variety of playful comparisons with other animals, students will learn the seahorse's anatomy, how it feeds and gets around.

Intro activity Using what they know about their own bodies, students will learn about the seahorse. Their artistic skills will be put to use!

Follow-up activity Comparisons with other animals will deepen students' zoological knowledge, as they create an imaginary animal made from characteristics of other animals!

2 WASTE FOR DINNER?

Elementary school – Grades 5 and 6
High school – Secondary 1 and 2

MAIN ACTIVITY
Students will review the impacts of plastic waste on the environment and on our foods, and explore possible solutions.

Intro activity Even trash has a lifecycle! Examining the lifespan and conducting a technological analysis of objects will led students to explore the impacts of plastic pollution.

Follow-up activity How can we take concrete individual and collective action to limit our environmental impact when it comes to plastic pollution?

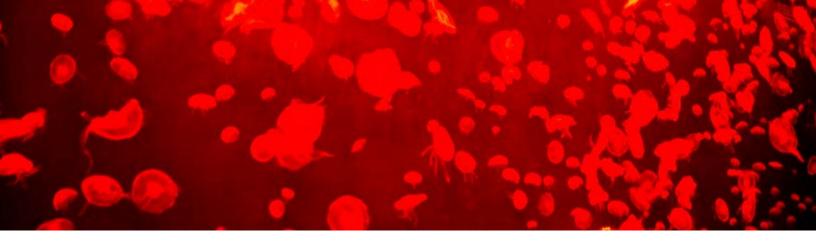### 3 SCIENTIFIC ESCAPE CHALLENGE - VIDEO GAME

Elementary school – Grades 5 and 6
High school – Secondary 1 and 2

MAIN ACTIVITY
Playing a video game in teams, students will apply the concepts of electric currents and magnetic fields to discover an unusual sense in sharks.

Intro activity Do animals have senses different from our own? Students will learn about animals' physical, behavioural and sensory adaptations and link them with human inventions.

Follow-up activity Students will create their own robot to clean up the oceans or be guided toward clean-up activities for their school or community.

ACTIVITIES OFFERED (continued)

4 **NEW!**

JELLYFISH: A WELL-KEPT SECRET
Elementary school - Grades 1 and 2, 3 and 4

MAIN ACTIVITY
Students will learn about the jellyfish, its body parts and their functions, what it eats and how it moves. They will use this learning to decide if the jellyfish is an animal or a plant, while also observing the different species we have at the Aquarium du Québec. We will finish with an arts and crafts activity.

Intro activity By focusing on the differences between how various living beings reproduce, feed and move around, the students will learn to distinguish between a plant and an animal. Their artistic talents will also be put into action!

Follow-up activity During this activity, students will learn how the jellyfish defends itself, what threatens it and the uses we can make of it. Its means of self-defense will also be compared to various other animals.

5 **NEW!**

THE OCEAN FLOOR:
AS ACTIVE AS THE AFRICAN SAVANNAH!
Elementary school - Grades 3, 4, 5 and 6
High school - Secondary 1 and 2

MAIN ACTIVITY
Students will learn about the food chain and its different players. By comparing animals from the savannah to those living on the ocean floor, they will learn more about the role detritivores, carnivores and photosynthesis play in the food chain.

Intro activity The ocean floor is teeming with life, even though people often know very little of it. Exploring the concept of habitat through exercises, students will apply various concepts and explore different aquatic habitats. Their artistic talents will also be put into action!

Follow-up activity During this activity, students will learn about the various environmental issues that threaten the ocean floor. The kids' sensitivity and creativity will be put to good use, and they will be encouraged to hold clean-up activities at their school.

How it works
Activities are held on the *Microsoft Teams* platform.

Equipment required
A computer connected to a TBI/TNI, the Internet, speakers and a webcam.

FEES
MAIN ACTIVITY
$120 +taxes / classes

Guided follow-up activity: $100 +taxes / classes
Guided intro activity: $100 +taxes / classes

LENGTH
Length per activity session:
45-55 minutes
Total length: 3 hours

The Aquarium du Québec is listed in the directory of culture-education resources. Check the conditions for obtaining financial assistance.

ÉCOLE EN RÉSEAU

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Sépaq
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