

# LESSON PLAN

OCTOBER 2017

## SHARKS: FRIEND OR FOE?



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THE SCIENCE OF STAR TREK

**C2** ADVANCE

Stages	Procedure	Time
<b>Objectives</b>	<ol style="list-style-type: none"> <li>1. To practice               <ol style="list-style-type: none"> <li>a. making predictions based on comprehension of the text</li> <li>b. distinguishing main ideas from specific details</li> <li>c. paraphrasing information in the text</li> </ol> </li> </ol>	
<b>Warmer</b>	<ol style="list-style-type: none"> <li>1. Teacher shows picture of a shark and write the title of the article on the board.</li> <li>2. 'Sharks: Friend or Foe?' – Teacher elicits responses.</li> <li>3. Teacher leads into the topic of the day.</li> </ol>	<b>5 mins</b>
<b>Pre-reading</b>	<ol style="list-style-type: none"> <li>1. Teacher distributes <b>Task 1</b>.</li> <li>2. Without referring to the article, students work with their partners to complete the paragraph in their own words.</li> <li>3. Next, teacher asks students to read page 49 to confirm their answers.</li> <li>4. Teacher discusses answers and asks students what they think the article is going to be about.</li> </ol>	<b>7 mins</b>
<b>While-Reading</b>	<ol style="list-style-type: none"> <li>1. Teacher distributes <b>Task 2</b>.</li> <li>2. In pairs, students distinguish main ideas from specific details by referring to the topic sentences provided.</li> <li>3. Teacher checks answers.</li> <li>4. Next, teacher arranges students into small groups and distributes <b>Task 3</b>.</li> <li>5. Each group needs to paraphrase the statements provided.</li> <li>6. Teacher discusses and checks answers.</li> </ol>	<b>20 mins</b>
<b>Post-reading</b>	<ol style="list-style-type: none"> <li>1. Teacher gets students to answer the quick questions on page 54.</li> </ol>	<b>5 mins</b>
<b>Wrap</b>	<ol style="list-style-type: none"> <li>1. Teacher checks answers and wraps up lesson.</li> </ol>	<b>3 mins</b>

**TASK 1**

Read and complete the paragraph below with your own words.

**Sharks: Friend or Foe?**

In many parts of the world, \_\_\_\_\_ is considered a delicacy for the \_\_\_\_\_ due to the fin's exotic \_\_\_\_\_ and unique texture. It is often served at \_\_\_\_\_ banquets and formal dinners to symbolise \_\_\_\_\_ and \_\_\_\_\_. The practice of eating shark fin soup dates all the way back to the Ming Dynasty in China where it was only served to \_\_\_\_\_ and high-ranking officials and coveted by commoners. Today, shark fin soup is as \_\_\_\_\_ as chicken soup and many people throughout the world have \_\_\_\_\_ it.

## TASK 2

Read topic sentences below. Write 'M' for main idea, 'S' for specific detail and 'I' for irrelevant information.

<b>1. However, few people remember the inhumane process of harvesting shark fins.</b>	
	a) Shark finning is a barbaric process which kills many sharks cruelly.
	b) Shark finning should be made illegal to control the population of sharks.
	c) Sharks will be thrown back to the sea and they will die of bleeding and drowning.
<b>2. Sharks, although known as one of the ocean's top predators, are no match for humans.</b>	
	a) Sharks kill humans by mistake because humans look like seals and turtles when they are underwater.
	b) Humans are killing sharks at a startling rate and it is endangering shark populations and ecosystems.
	c) The shark population has been increasing and nearly 70% of them are gone.
<b>3. Sharks are apex predators, they play an important role in managing the equilibrium of the ecosystem.</b>	
	a) Sharks eat the sick and dying fish and help stop diseases from spreading to other sea creatures.
	b) Sharks keep populations of other fish healthy and balanced for the marine ecosystem.
	c) Sharks don't always prey on dolphins especially when they travel in pods.
<b>4. Sharks are also known as a keystone species – a species on which other species in an ecosystem depend on – and removing them would hurt the ecosystem drastically.</b>	
	a) It is estimated that in 10 years most species of sharks will be near extinction.
	b) Sharks eat ray, so if sharks die, rays may be overpopulated in the ocean.
	c) Sharks are the top predators in the ocean, without them other species in the marine ecosystem will be affected.
<b>5. What we need to do now, as responsible citizens of the world, is to first educate ourselves on the negative effects of shark finning and then seek to educate others.</b>	
	a) Dodo birds became extinct in the late 17 <sup>th</sup> century because of overhunting by humans.
	b) We are not able to the dodo bird and soon the future generations will not be able to see sharks, as 141 species of sharks now are near extinction.
	c) We need to learn about the negative effects of shark finning and it is our responsible to share this awareness more widely.
<b>6. There are many ways we can help to spread the message and increase the public's awareness about this pressing issue.</b>	
	a) We can do a lot of things to spread the awareness of saving sharks effectively.
	b) According to the Chinese medical book, shark fin has been associated with variety of benefits.
	c) Leonardo DiCaprio and Yao Ming and two celebrities that have pledged to not consume shark fin.

**7. Besides, we can support our local marine organisation's efforts in protecting these deep sea predators.**

- |  |  |
|--|--|
|  | a) Campaigns to stop shark finning usually need a lot of monetary supports from the public.                                    |
|  | b) We can join forces with our local marine organisation to protect the sharks.  |
|  | c) We can give financial support to our local marine organisations and help them to spread the awareness through social media. |

### TASK 3

Read the statements below and paraphrase them in the space provided.

1. In many parts of the world, shark fin soup is considered a delicacy for the wealthy due to the fin's exotic taste and unique texture.

**Paraphrase:** Generally, shark fin soup is food consumed by the rich in most places because of its remarkable taste and texture.

2. Sharks, although known as one of the ocean's top predators, are no match for humans.

3. Not only are sharks facing the imminent threat of extinction, but the surrounding marine ecosystem is negatively affected as well.

4. The presence of the shark population maintains the structure of the marine community and stabilises it.

5. If we do nothing to stop it (shark finning), the marine ecosystem might soon collapse and many other species might be gone sooner than we can imagine.

6. Say no to shark fin soup at all restaurants and urge your friends and family members to boycott it too.

## ANSWERS

### Task 1

*Please refer to the introductory paragraph on page 49 for answers.*

### Task 2

1. a) M  
b) I  
c) S

4. a) I  
b) S  
c) M

7. a) I  
b) M  
c) S

2. a) I  
b) M  
c) S

5. a) I  
b) S  
c) M

3. a) S  
b) M  
c) I

6. a) M  
b) I  
c) S

### Task 3

*Answers may vary. Below are the sample answers.*

2. Sharks may be the main predators in the sea but they are not as ruthless as human beings.

3. Sharks are vulnerable to endangerment in the near future, and there will also be harmful effects on the ecosystem of the ocean.

4. The population of sharks helps balance the food chain and sustains the marine life in the oceans.

5. When there is no effort in preventing shark finning, the marine life will be destroyed and soon the whole ecosystem in the ocean will end.

6. Stop the consumption of shark fin soup at all eateries and persuade others around you to do likewise.

### Quick Question (page 54):

- emperors and high-ranking officials
- The population of sharks helps maintain the structure of the marine community and stabilises it.
- B
- B