



## Lesson 4 Using our seas





# Mission 4: Using our seas

- Key Q.
1. How do we u\_\_ the sea?
  2. How m\_\_\_ is the sea w\_\_\_\_\_?



# Outcomes

Foundation

- Name some uses of the sea

Developing

- Describe how the sea is useful using technical terms

Competent

- Get information from a bar chart

Expert

- Complete a pie or bar chart on your own

Advanced

- Make a conclusion



# Brief from Emily Penn



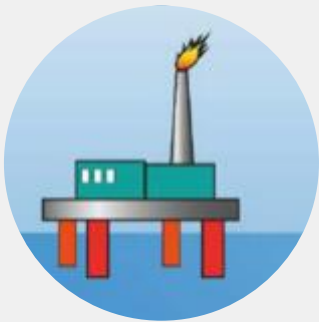
Emily Penn

Hi guys, I'm Emily Penn the skipper of the Sea Dragon and the youngest person to receive the award 'Yachtmaster of the year'. I take lots of different people, from artists to scientists, all over the world to explore our oceans.

I love sharing the sea with all the beautiful creatures that you have been learning about. For these plants and animals the sea is their home, but people live on land. So your mission today is to find out how we use the sea.



# Ways we use the sea



Energy



Fishing



Shipping



Tourism and  
Leisure

# Thinglink Using our seas

Go to [encounteredu.com/discover/images/using-our-seas-interactive](https://encounteredu.com/discover/images/using-our-seas-interactive)

Foundation

- Name some uses of the sea

Developing

- Describe how the sea is useful using technical terms





# Outcomes

Foundation

- Name some uses of the sea

Developing

- Describe how the sea is useful using technical terms



# Learning check point 1

1. Give three ways we can use the sea.
2. Give three examples of using the sea for tourism and leisure.
3. How is the sea used for energy?
4. How is shipping related to ports?



# Learning check point 1: Answers

1. Give three ways we can use the sea.  
For fishing, diving, oil and many more.
2. Give three examples of using the sea for tourism and leisure.  
For diving, sailing, holidays and many more.
3. How is the sea used for energy?  
We can put wind turbines out at sea because it is windy and we can dig below the sea floor for oil and gas to burn in power stations.



# Learning check point 1: Answers

4. How is shipping related to ports?  
Ships move from port to port, carrying goods and people all over the world.



# How much is the sea worth to the UK?





# How much is the sea worth to the UK?

18.5 billion pounds a year

£18,500,000,000

That is enough pound coins to...



**Stretch around  
the Earth 4 and  
a half times**





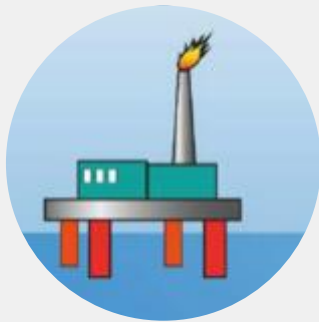
... cover 1270 football pitches



... fill 397 classrooms



# Which one makes most money?



Energy



Fishing



Shipping



Tourism and  
Leisure



# Final learning check point

**From today's voyage, tell Emily:**

- 1. Three new things you learned**
- 2. Two things that connect this to your previous learning**
- 3. One question you still have**

# Final thoughts from Emily Penn



Sunset on ship

As I sail all over the world, I get to see how special the ocean is and how much it's worth to people.

It's important to remember that *some things are worth more than money*. How do you put a price on a beautiful sunset over the water?

We share the ocean, so that means we need to use it responsibly so that other creatures and people in the future can share it too.



# Photo credits

Slide 3      Courtesy of Emily Penn

Slide 12     NASA

Slide 13     Wikipedia, Richj1209

Slide 14     Digital explorer

Slide 17     Courtesy of Emily Penn