



# Coastal Wildlife Sound Map

### Equipment required

- Print out of 'Sound Quest' worksheet, one per pair
- Outdoor space for observation
- Sound recording devices, one per pair (optional)
- Internet enabled device and internet access

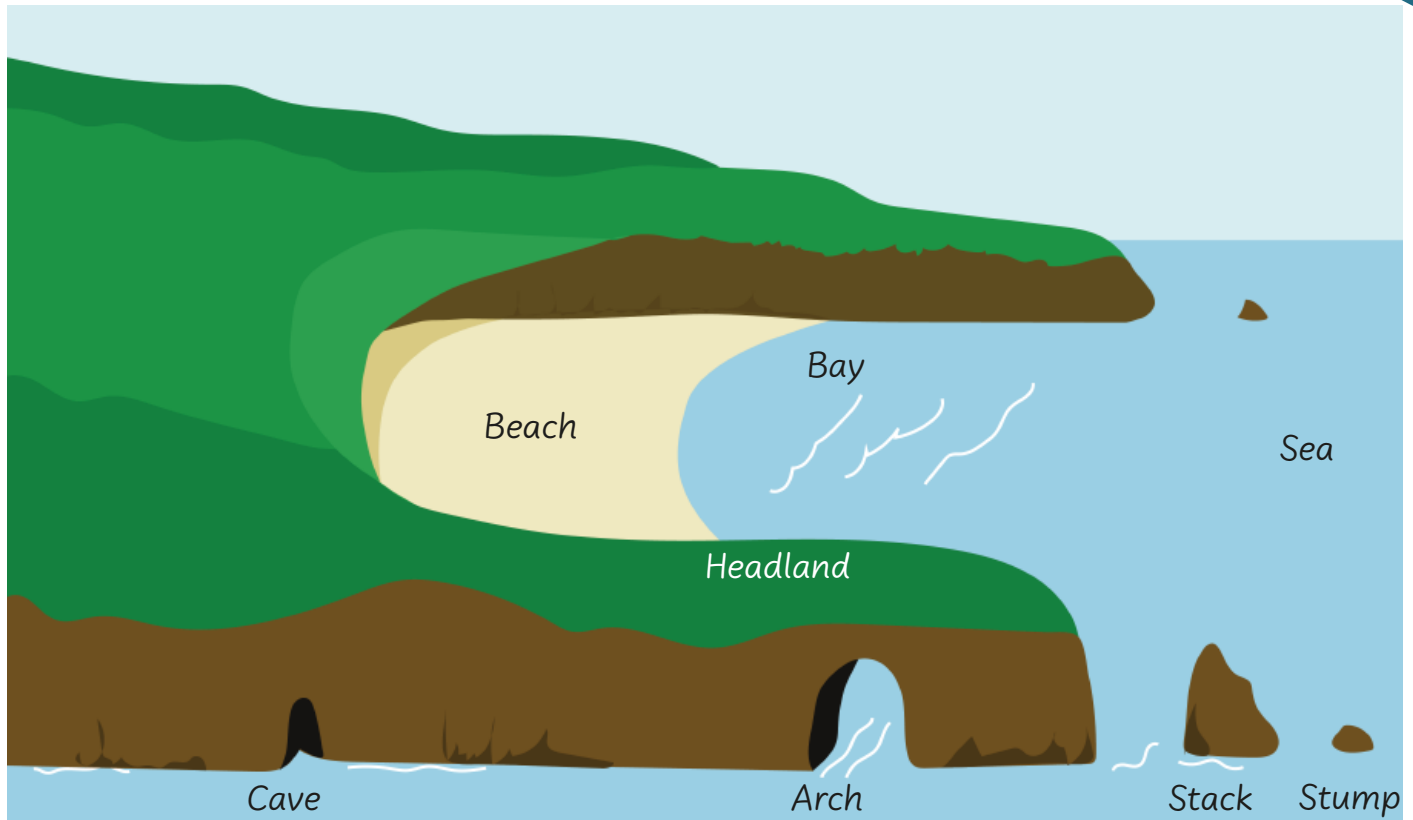
### To complete the activity

1. Take the learners outdoors. Ask them to close their eyes and listen carefully for 1–2 minutes to the different natural and human-made sounds around them.
2. Gather as a group and share the different sounds heard, noting any common patterns, unique noises, or unexpected sounds.
3. Discuss how different environments influence the variety and intensity of sounds. Why are certain sounds present? How do they contribute to the ecosystem?
4. Play the 'Coastal Wildlife Sounds' video – [www.tiramor.cymru/wildliferecording](http://www.tiramor.cymru/wildliferecording) (Resource 1). Ask learners to guess.
5. Share the 'Sound Quest' worksheet with learners. Explain that the sounds they heard were of: chough, dolphin, Manx shearwater and seal. Play the sound clip again. Support the learners to arrange the cards in chronological order, as heard in the clip.
6. Reveal the correct answer and discuss with learners how each animal uses sounds (e.g. communication, navigation, hunting). Reinforce the importance of identifying species correctly when recording.
7. Challenge learners to place the sounds in the corresponding habitat on the 'Sound Quest' worksheet.
8. After the activity, discuss with learners:
  - What other sounds would be present? Why might that be?
  - How might the sounds change at different times of the day or during different seasons?
  - How do different coastal animals use sound for survival?
9. Provide an opportunity for learners to explore a local area, record sounds and photos, and create their own sound map.

### ANSWERS:

1. Manx shearwater
2. Seal
3. Chough
4. Dolphin

# Sound Quest



Listen to the clip: [www.tiramor.cymru/wildliferecording](http://www.tiramor.cymru/wildliferecording) (Resource 1).

**Can you identify the marine mammals and birds?**

Use the cards below, and arrange in chronological order.



Chough



Dolphin



Manx shearwater



Seal

Place the sounds in the corresponding habitat on the image above.

## DISCUSS

Why do you think the sounds belong in those specific habitats? Explain your choices.

## ADDITIONAL TASK Optional

Explore a local area, record sounds and photos, and create your own sound map.

You may wish to use field guides (e.g. Collins) or online guides (e.g. Seek by iNaturalist or Merlin) to identify different species.



Dolphins use clicks and whistles which researchers record to study communication and behaviour.