



Cornish Seal Sanctuary



A Changing World

Answer Book

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Introduction

The Cornish Seal Sanctuary is a charity that rescues and rehabilitates seal pup from around the Cornish Coastline.

Did you know that we've been rescuing sick and injured pups since 1958?!

The Sanctuary started in the winter of 1958 when a baby seal, only a few hours old, was washed up on the beach at St Agnes. Ken Jones lived with his wife Mary next to the beach, he picked up the pup and took it back to his small garden.

For many years, he ran a rescue centre for seals, with just one pool, at St Agnes. The news of his work with seals spread, and he received more and more calls about injured seals. Ken realised he needed more room, as the single pool at St Agnes was just not big enough. Ken had to find a larger site to build a permanent rescue centre and was offered land by the beautiful river Helford in Gweek.

Each season, the Sanctuary rehabilitates between 50 to 70 seal pups each costing £2,000 to be rehabilitated. The Sanctuary also provides a permanent home to animals that need special care from their team of marine animal experts.

When visiting the Sanctuary, you can experience wonderful marine animals up close and personal and learn all about their individual stories.

There's plenty to learn too! We offer guided tours, school workshops and school holiday clubs. Plus, you can head over to Discovery Cove, mixing learning with play, you can enjoy a variety of activities which are both fun and educational.

Hi! My name's Lily!

**I am the learning buddy for the
Cornish Seal Sanctuary.**

**If you see me in your workbook, I
might have a handy hint for you!**



Test Your Knowledge

How much do you know already about the weather?

This quiz looks at different types of weather. It uses descriptive words. Can you find all the correct descriptive words?

1. The weather is nice. It is not windy, there is no rain and it is quite warm.

The weather is: Harsh Strong Mild Weak

2. It is very wet.

The weather is: Dry Sunny Rainy Breezy

3. There is a bright, blue sky and it's lovely and warm.

The weather is: Cloudy Misty Foggy Sunny

4. There is snow and ice on the ground. Your hands are frozen.

The weather is: Cool Cold Showery Foggy

5. You can feel the wind on your face, but not too hard, the trees are rustling.

The weather is: Very windy Very hot Foggy Breezy

6. The wind is very strong. The trees are being blown about.

The weather is: Breezy Icy Cool Windy

7. You can't see in front of you, but it is daytime.

The weather is: Windy Breezy Foggy Showery

Why not try this quiz again after the lesson to see how much you have learnt?



Weather and Seasons

What is weather?

Weather is what is predicted each day. This can include temperature, cloudiness, humidity, and whether a storm is likely in the next few days. Weather is not the same everywhere. It may be hot and sunny in one part of the world, but freezing and snowy in another.

Can you list different types of weather?

- Temperature
- Sunny
- Raining
- Windy
- Foggy
- Cloudy
- Snowing
- Sleet

What is a season and how does it happen?

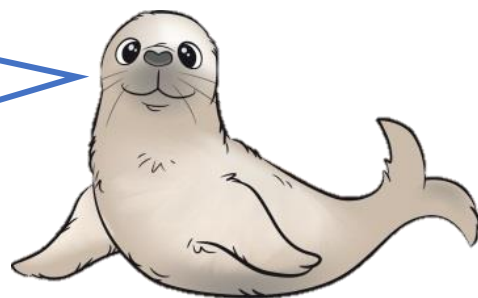
As Earth moves around the Sun it spins in a slightly tilted position. This tilt is what causes our seasons because through the year different parts of the planet are closer to or further away from the Sun's light. More or less sunlight and heat impact on the length of each day and the average daily temperature in different seasons, as well as the amount of rainfall.

How many seasons are there?

4

The Sanctuary is great every season, but depending on what time of year you come will change what you can see.

In winter, we have lots of seal pups!



Can you describe the different seasons?

	<p>Starts to get warmer, trees begin to grow their leaves, plants start to flower and young animals such as chicks and lambs are born.</p>
	<p>Sunny and warm, trees have full green leaves and the amount of time it is light for during the day is longer.</p>
	<p>Amount of time it is light becomes less, the leaves start to change colour and fall off the trees. Rain increases and starts to get colder</p>
	<p>Colder weather, sometimes snow and frost, the trees have no leaves and the amount of time it is light during the day is at its shortest.</p>

Which is your favourite season and why?

.....

.....

.....

.....

Season of Seals

Grey seal pups are born in autumn and winter.
You can see seals all year round at the Sanctuary!

It seems like a strange time to do it, when icy winds are blowing and the nights are long. One explanation is that after a summer of catching fish, the females are simply in great shape to feed their young.

How is a seal pup *adapted* for winter life?

Fur – seal pups have a thick fluffy white coat which keeps them warm

Blubber – seal pups have a layer of fat called blubber under the skin that is as thick as the length of your middle finger.

Milk - The pups drink two and a half litres of milk every day and it's so rich pups can grow by as much as 30kg in two weeks.

Can you circle the seals on this beach?

Where do you think the safest spot is for a seal pup – draw a seal pup?



Time to Imagine

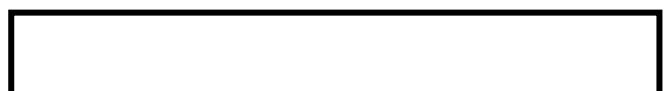
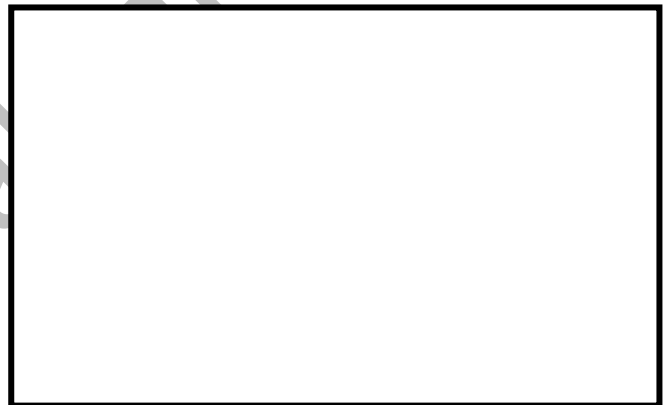
You're a seal pup on the beach

Think about:

- What can you see?
- What can you smell?
- What can you hear?
- What can you taste?
- What can you feel?



Extra challenge! Create a picture story of a seal's experience on the beach in winter. Use your senses activity above to help.



Send your story in to us for it to be featured on our Social Media:
Bek.Trehern@sealifetrust.com



Making a Difference




We need to make a change now to make a difference.




“Reduce, Reuse and Recycle” is one of the easiest changes we can make. It helps to tackle climate change because less energy is needed to create resources and so less carbon dioxide is released.

Recycling can be quite confusing. Not all items can be recycled.



Can you write what symbols mean and find them on items around your house?

Symbol	Meaning	Item
	<i>Product is capable of being recycled</i>	
	<i>Producer has financially contributed to the recovery and recycling of packaging.</i>	
	<i>This part of the packaging is only being recycled by 20% of councils</i>	

<p>recyclenow.com</p>  <p>BOTTLE GLASS widely recycled</p>		<p>Over 75% of England's councils provide household recycling collection for this packaging type.</p>	
 <p>WIDELY RECYCLED AT RECYCLING POINTS</p> <p>CHECK LOCALLY FOR KERBSIDE</p>		<p>75% of councils have recycling provisions for this material, but less than 75% of them collect at kerbside.</p>	
<p>recyclenow.com</p>  <p>TRAY PLASTIC check local recycling</p>		<p>Part of the packaging is only recycled by 20-70% of local councils</p>	

Can you think of any more changes you could make?

- *Cycle/walk more places – use cars less*
- *Eat less meat*
- *Use green energy e.g. solar/wind*

Activity Time

Design a poster to tell people about how plastic affects seals and what they could do to help,

Send your posters in to us at The Cornish Seal Sanctuary to be featured on our Facebook and Instagram: Bek.Trehern@sealifetrust.com

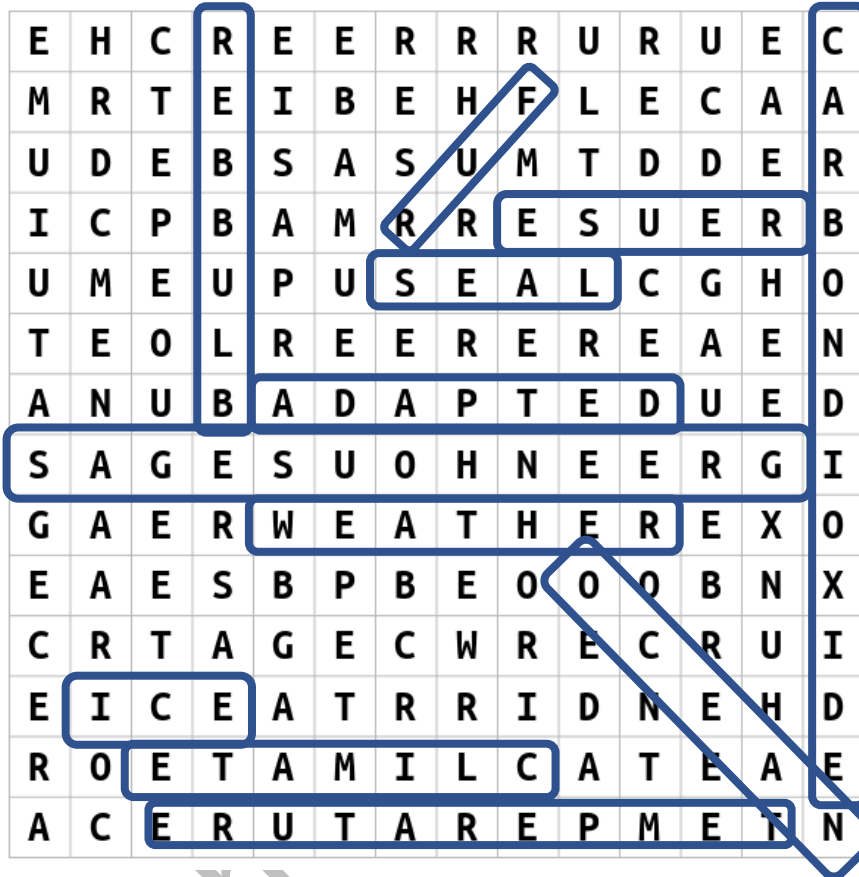
Plan your poster and then use the next page for your final piece:

-
-
-
-
-
-
-

Cornish Seal Sanctuary

Activity Centre

Find the words in the word search which link to this lesson.



Blubber

Greenhouse Gas

Temperature

Climate

Reuse

Ocean

Ice

Carbon Dioxide

Adapted

Seal

Fur

Weather

What Does That Word Mean?

Use this space to write down any words you don't understand.

Can you find them in the dictionary?

Word:

Definition:

Word:

Definition:

Word:

Definition:

Word:

Definition:

Word:

Definition:

Word:

Definition:

Learn More at The Cornish Seal Sanctuary



There's plenty more to explore. Combining active learning with fascinating talks and an opportunity to have a close encounter with a variety of animals.

Want to learn more? Calling All Ocean Lovers!

Take part in jam packed sessions during School Holidays and discover all about:

- Seals and Sea Lions and the environment they live in
- Seal pup rescue, rehabilitation and release
- Our resident animals and how we care for them
- Local wildlife
- Marine conservation

Support the Sanctuary

Enjoyed learning with The Cornish Seal Sanctuary?

Did you know that we're a charity?

Every year, we rescue seal pups in need of care from around the coastline. Each pup costs £2,000 to rehabilitate and that doesn't include those that need specific operations. We also care for lots of animals who can't be released.



We are grateful for any donation received. Your money could go a long way to helping our animals get the care they really need.

To help text SEAL 5 to 70085 to make a £5 donation.

Or donate on our website: sealsanctuary.sealifetrust.org

Thank you for your support, we would not be able to do this vital work without you!

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