

Year 4 Knowledge Organiser: Coasts and Pollution

Where is Scarborough?

Scarborough is located on the North Sea coastline, in the county of North Yorkshire in Northern England. It is a coastal town, with a population of 108,000. Scarborough is the largest town on the Yorkshire Coast.



Topics

Topic: Coasts & Pollution

Science: Animals & Living Things

DT: Seasonal Food

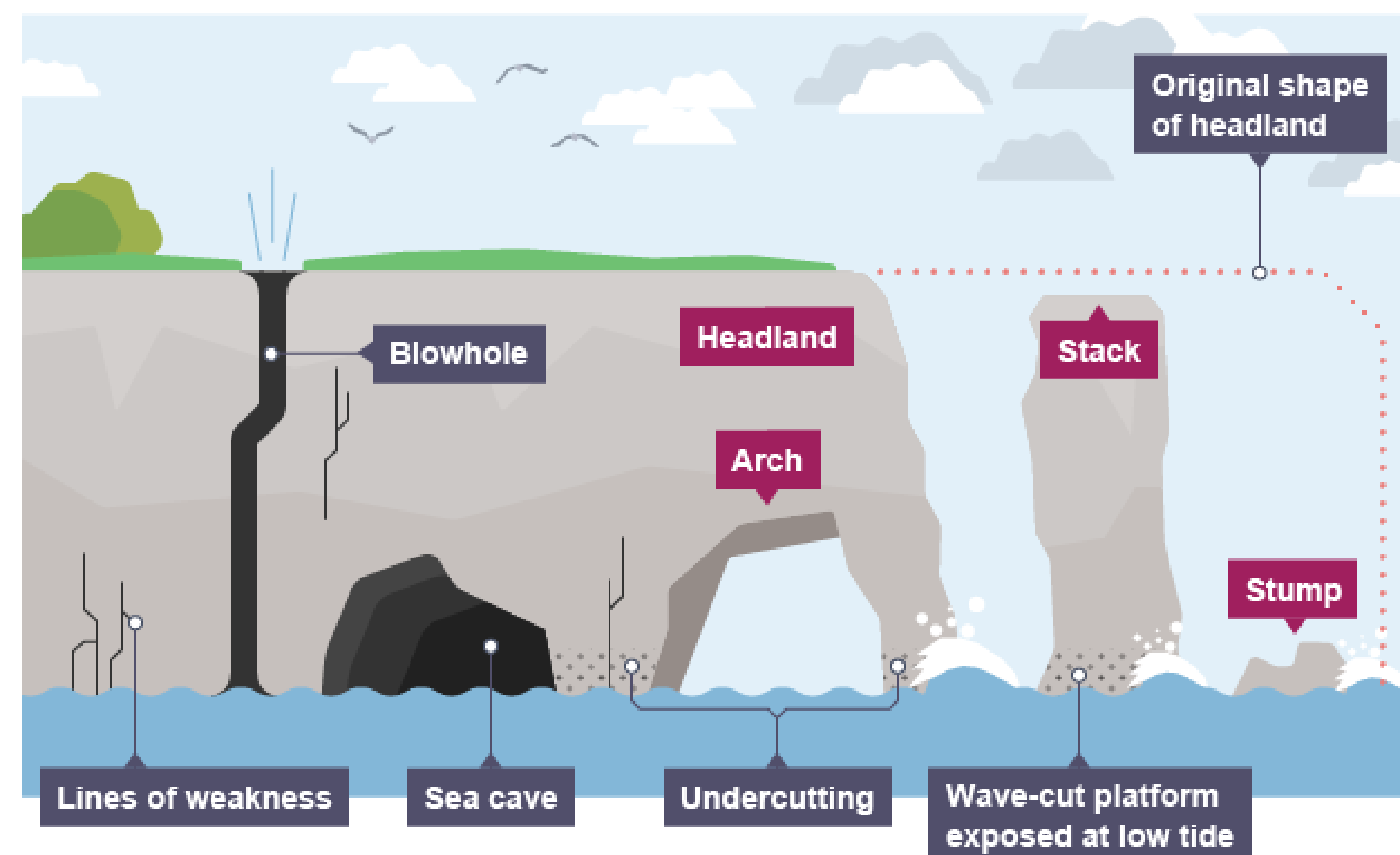
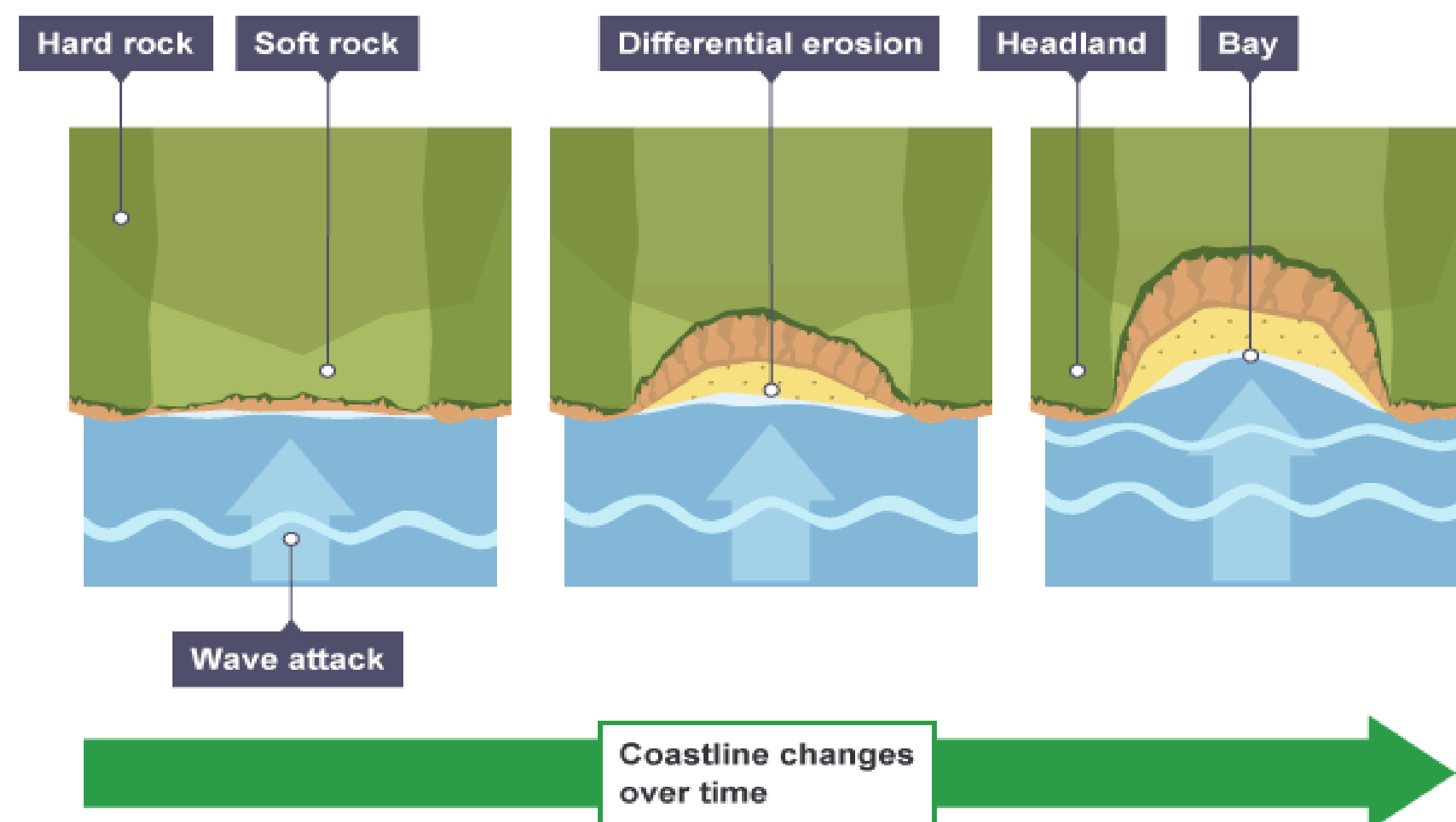
Art: William Morris/Arts and Crafts Movement

PE: Cricket & Athletics

Computing: Photo Editing & Repetition

PSHE: Health & Wellbeing

RE: Spiritual Expression



What is ocean pollution?

Marine pollution is a combination of chemicals and rubbish, most of which comes from land sources and is washed or blown into the ocean.

PE

This term we will focus on cricket, and athletics. In cricket we will learn the skills required for both striking and fielding, alongside rules of the game. In athletics we will cover an array of different events both track and field, and develop the skills required to perform across the board.



Spiritual Expression

There are many forms of spiritual expression which are both religious and non-religious. One of the Christian expression methods includes music, through the use of Christmas Carols, and hymns.

Arts and Crafts Movement



The Arts and Crafts Movement came about when the industrial revolution encouraged a more mechanised method of creating art, which degraded the people who had spent years perfecting a trade.



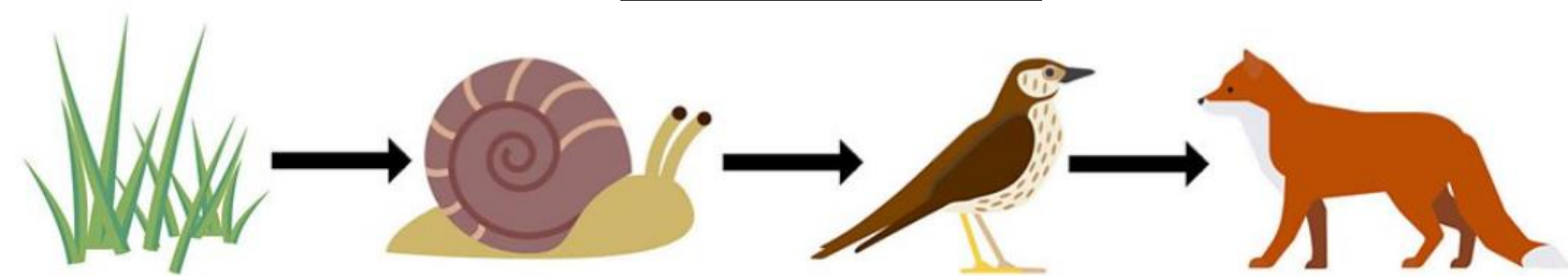
Keeping the Ocean Clean.



What lives in the Ocean?

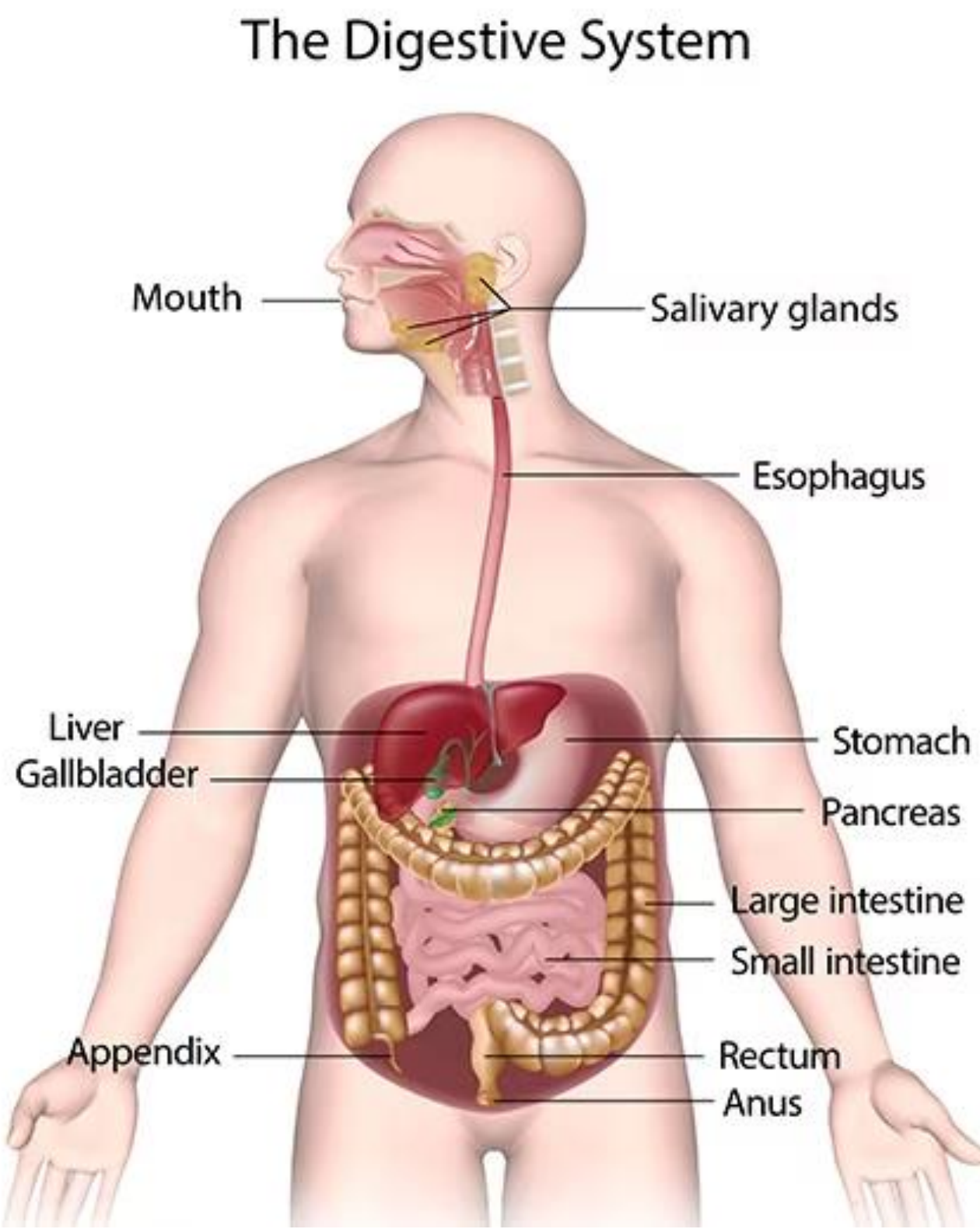
Year 4 Knowledge Organiser: Healthy Half-Term

Food Chains



The flow of energy from one living thing to another is shown in the arrows in a **food chain**. **Producers** are at the beginning of most food chains. Any animal which eats a producer is called a **primary consumer**. All primary consumers are **herbivores** because they only eat plants.

The Digestive System



The function of the digestive system is to digest and absorb food and then excrete the waste products with the help of the liver, gallbladder, pancreas, small intestine, large intestine, and rectum.

What we will cover in PSHE:

1. What constitutes a healthy diet.
2. How regular (daily/weekly) exercise benefits mental and physical health.
3. Choices that support a healthy lifestyle.
4. How everyday hygiene routines can limit the spread of infection.
5. About the benefits of the internet.

Seasonal Food

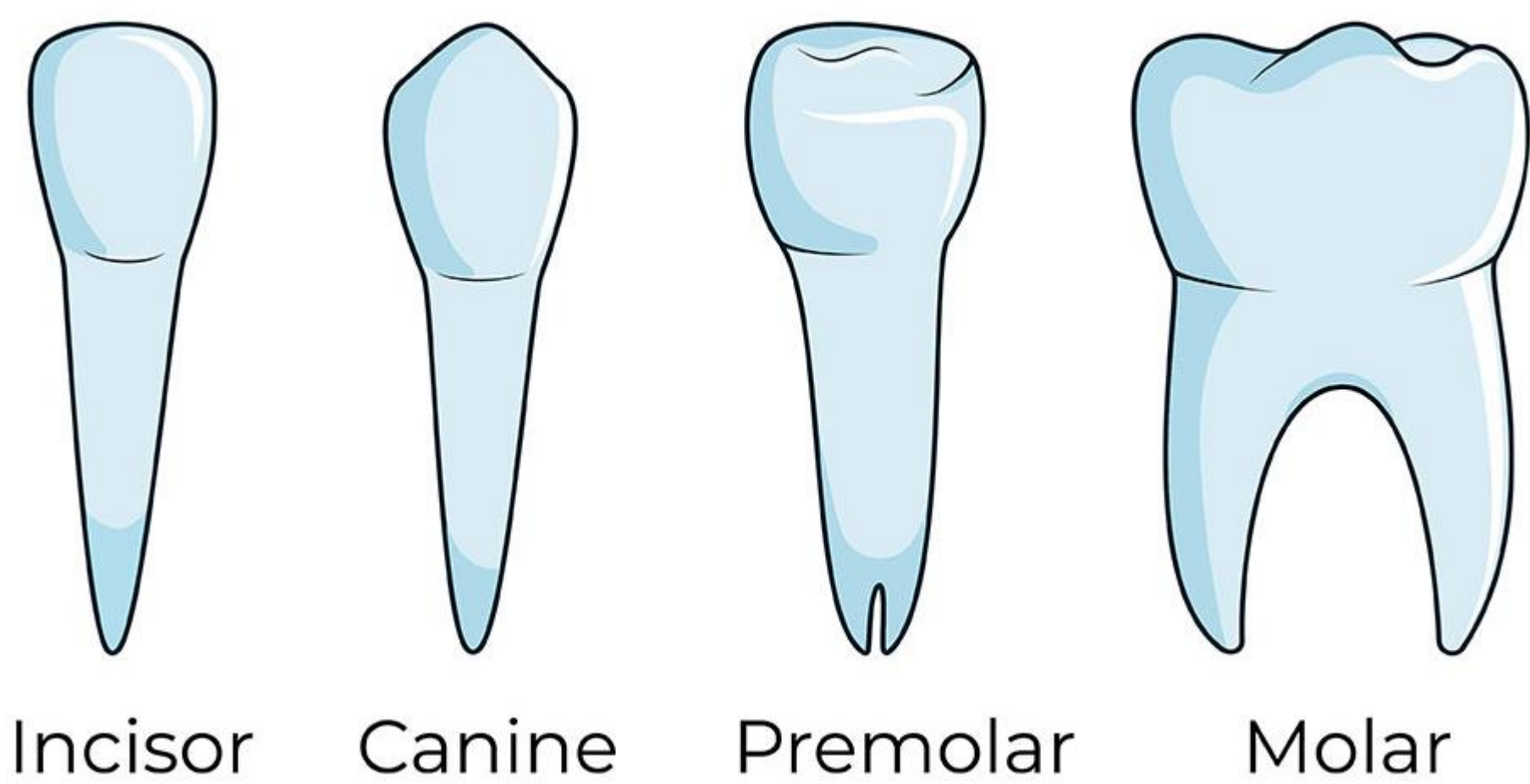
In DT, we will be looking at seasonality and learning where and how a variety of ingredients are reared caught and processed. This will then help us to create seasonal recipes, allowing us to create our own seasonal meal.



Key Vocabulary

	Key Vocabulary
Herbivore	An animal who only eats plants.
Producer	A plant, which creates its own food.
Consumer	An animal which eats plants or other animals to gain energy.
Incisor	Teeth used to slice food in the mouth.
Molar	A grinding tooth at the back of the mouth.
Pancreas	A long, flat gland that lies in the abdomen behind the stomach.
Mechanised	Using Machines.

Why do we have different types of teeth?



All of our teeth serve an important role, and it is crucial to take proper care of them in order to chew, bite and tear in a normal manner. There are four different types of teeth: incisors, canines, premolars and molars.

Take care of your teeth and gums:

1. Brush your teeth twice a day.
2. Floss between your teeth.
3. Try to avoid too many sugary foods and drinks.
4. Have regular check ups at the dentist!