

COMPREHENSION

MULTIPLE CHOICE FILL IN THE GAP

MATCHING FIND AND COPY

DOJO

TRUE OR FALSE

SEQUENCING

UNDERLINE / HIGHLIGHT

LABEL

PLASTIC POLLUTION



SCORE CENTRE

Comprehension Skills	Score	NINJA DETAILS	
True or False	/ 5	Name:	
Label	/ 6		
Matching	/ 5	Final Score:	
Underline	/ 5	/ 44	
Fill in the Gap	/ 8	Reading Skill Level:	
Find and Copy	/ 5		
Sequencing	/ 5	Date:	
Multiple Choice	/ 5	/ /	
Total	/ 44		

VOCABULARY NINJA - READING SKILL LEVEL

GRASSHOPPER	SHINOBI	WARRIOR	SAMURAI	ASSASSIN	GRAND-MASTER
0 - 8	9 - 15	16 - 22	23 - 29	30 - 36	37 - 44

Fill in all of the details in the score centre to discover where your strengths are! Then think about which skills you need to develop and train!

Place a tick to show which reading skill level you have achieved.

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Vocabulary Ninja

PLASTIC

POLLUTION

Master essential non-fiction reading retrieval skills with The Comprehension Dojo.



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Plastic Pollution.

Plastic is really useful and is used across the world every day: it's cheap to make, easy to mould and shape and it is disposable however with this comes many problems. Over many years, disposable plastics have been discarded in landfill and oceans around the world. It is thought that there are around 5 trillion pieces of plastic floating in the ocean which is endangering animals and many ecosystems. The first synthetic plastic (made entirely from man-made materials) was produced over 100 years ago.

The Problem:

Plastic is extremely versatile and can be coloured, shaped, sized and reused again and again, making it popular for many daily amenities from drinking water to manufacturing vehicles. This means there is a lot of plastic in the world but it is not biodegradable (it does not break down into the environment easily), it does not rot like paper or food. More than eight million tons of plastic enters the Earth's oceans each year. Experts think that by 2050, the amount of plastic will weigh more than all of the fish in the ocean. When plastic does breakdown into small parts over hundreds of years, the small particles may be eaten by small marine animals, which in turn are eaten by larger marine animals and so, all marine life may become infected with plastic. As humans eat some marine animals, we may be eating fish with minute particles of plastic in them.

Top Tips:

Here are some top tips to start your own journey to become plastic free:

1 - Dining in and avoiding fast food or food-to-go is one of the easiest ways to avoid using plastics; big companies tend to use single use plastics in their products such as straws and cups.

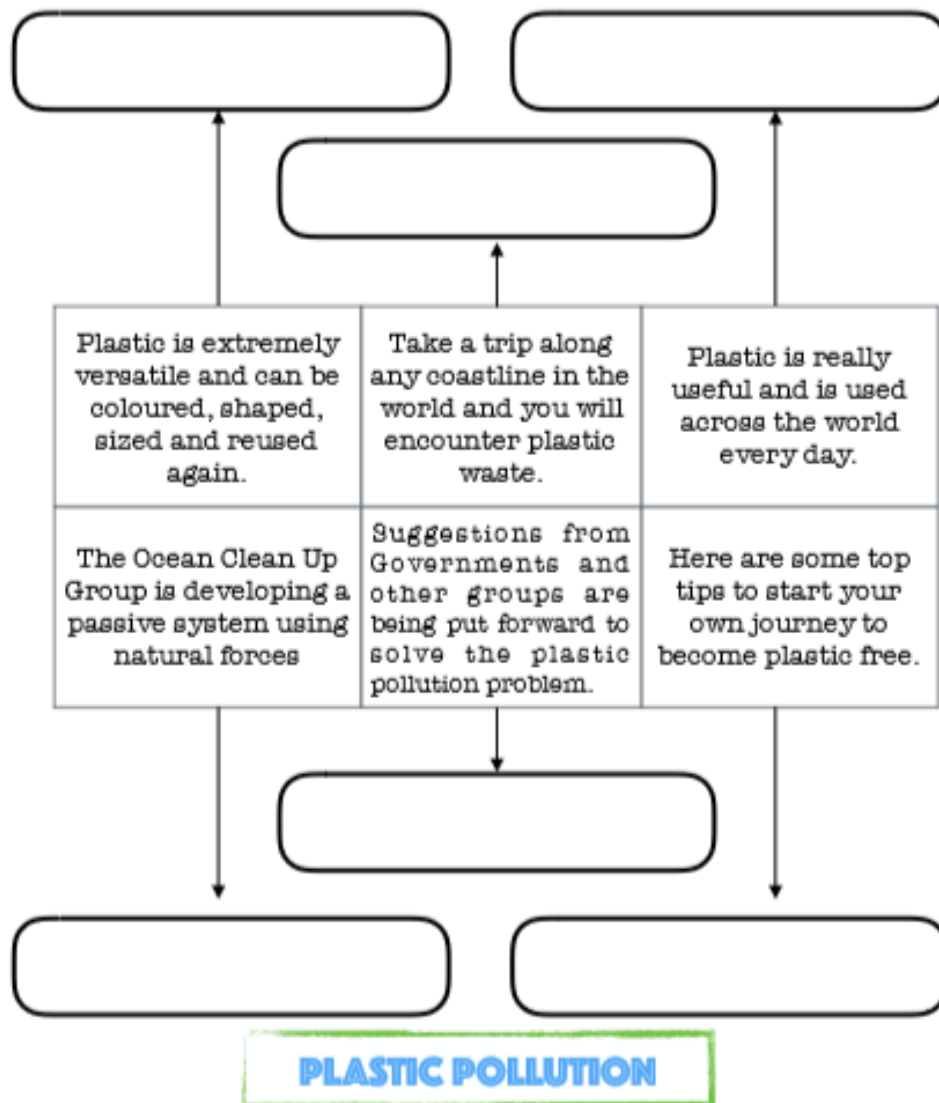
2 - Use a refillable water bottle rather than single use disposable bottles. They can be refilled at the gym, cafes, hotels and public buildings for free so you save money and the planet.

3 - Pack your own toiletries rather than using hotel chains individually produced containers for shampoo and soaps.

LABEL

Labelling often focuses on organisational features and requires a pupil to re-present the information.

Label the first sentences below with the correct paragraph heading that it is from.



TRUE OR FALSE

True or false questions rely on a pupils ability to decide whether a statement is correct or not. To do this they need to be able to locate evidence accurately.

Decide if the statement is True or False.

Put a tick in the correct box.

STATEMENT	TRUE	FALSE
There is a garbage patch 3 times the size of France.		
Plastic bags in the UK now cost 10 pence.		
There are 5 trillion pieces of plastic floating in the world's oceans.		
Experts think that by 2040 there will be more plastic in the seas than fish.		
Synthetic plastic was first produced over 100 years ago.		

PLASTIC POLLUTION



Ninja Tip:
Skim and Scan to locate information efficiently!

Garbage Patches:

Take a trip along any coastline in the world and you will likely encounter plastic waste: plastic bottles, fishing waste, straws, food packaging and even shoes. This is the real cost of our disposable 'throw away' culture. In the oceans, there are enormous vortexes of marine debris, one of the largest is between Hawaii and California. Rough estimates state that this garbage patch is 3 times the size of France, with an approximate measure of 1.8 trillion pieces of plastic weighing 80,000 tons. Some of this plastic has been there floating around for decades but it cannot break down quickly. Scientists have been studying this area since the 1970s, usually by taking small samples of plastics found in the patches. The 'ocean clean up' group have since started trawling and capturing some of the plastic but it is a huge undertaking.

The Solution:

Suggestions from Governments and other groups are being put forward to solve the plastic pollution problem. Plastic bags are now sold all over the UK for at least 5p, this has reduced new carrier bag production by 80%. Increasingly, cafes, restaurants and organisations are using recyclable materials, especially replacing plastic straws and cups for paper straws and cups. In fact, Starbucks coffee agreed to phase out its use of plastic straws in all of its branches globally. The company estimated that this would reduce plastic straw disposal by one billion straws per year. Plastic micro-beads, found in cosmetics to exfoliate and smooth skin, have been banned in face scrubs and toothpastes. People and consumers are starting to make informed choices on the produce they buy, opting to buy bananas not covered in plastic wrapping and other foods with natural skins which do not require plastic packaging.

The Ocean Clean Up Group.

The Ocean Clean Up group is developing a passive system, using the natural forces and currents of the waves to catch and concentrate the plastic patches. The system acts like a sheep dog and 'rounds up' the plastic so it can be properly disposed of or recycled so as not to harm the environment or wildlife. They estimate that this model will take 5 years to clean half of the patch and they hope for a plastic free ocean by 2050. The clean-up of the Pacific garbage patch begins in a few months, after this, the other garbage patches around the world can be started on.

MATCHING

Matching is an essential retrieval skill. Matching is where associated information is identified!

**Draw a line to the information that is linked in the text.
Remember to look back at the text to find the answer.**

First synthetic plastic

100 years ago

Eats broken down plastic

help save money and the planet

Carrier bag cost in the UK

Starbucks

Will be phasing out use of plastic straws

5p

refillable water bottles

marine life

PLASTIC POLLUTION



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UNDERLINE / HIGHLIGHT

Underline/Highlight is usually a word or phrase and can be linked to a pupil's understanding of meaning.

Garbage Patches:

Take a trip along any coastline in the world and you will likely encounter plastic waste: plastic bottles, fishing waste, straws, food packaging and even shoes. This is the real cost of our disposable 'throw away' culture. In the oceans, there are enormous vortexes of marine debris, one of the largest is between Hawaii and California. Rough estimates state that this garbage patch is 3 times the size of France, with an approximate measure of 1.8 trillion pieces of plastic weighing 80,000 tons. Some of this plastic has been there floating around for decades but it cannot break down quickly. Scientists have been studying this area since the 1970s, usually by taking small samples of plastics found in the patches. The 'ocean clean up' group have since started trawling and capturing some of the plastic but it is a huge undertaking.

Underline (U) or Highlight (H) Questions.

1	U or H a word that means where the land meets the ocean or sea.
2	U or H a word that means a rough calculation or judgement.
3	U or H a word that means to gather or collect using a huge net.
4	U or H a word that means small pieces that have been scattered.
5	U or H a word that means intended to be thrown away.

PLASTIC POLLUTION

FILL IN THE GAP

Requires completion of a sentence or phrase with words drawn from the text.

Retrieve the exact word from the text.

1	Plastic is extremely _____ and can be coloured, shaped, sized and reused again and again.
2	In fact, Starbucks coffee agreed to phase out its use of plastic straws in all of its branches _____.
3	The system acts like a sheep dog and 'rounds up' the plastic so it can be properly disposed of or recycled so as not to harm the _____ or wildlife.
4	As humans eat some marine animals, we may be eating fish with minute _____ of plastic in them.
5	The first synthetic plastic (made entirely from man-made materials) was _____ over 100 years ago.
6	Plastic micro-beads, found in cosmetics to exfoliate and smooth skin, have been _____ in face scrubs and toothpastes.
7	The company estimated that this would reduce plastic straw _____ by one billion straws per year.
8	More than eight million tons of plastic enters the Earth's _____ each year.

PLASTIC POLLUTION

FIND AND COPY

Requires pupils to locate information by skimming and scanning. Then locating words based on meanings or suggested synonyms.

Find and copy the words for the suggested meaning.

1. Look at the first paragraph. **Find and copy** a word that suggests animals are being put at risk.

2. Look at 'The Problem' paragraph. **Find and copy** a word that suggests something has been used more than once.

3. Look at the Garbage Patches paragraph. **Find and copy** a word that suggests you will meet or come across something unexpectedly.

4. Look at the 'The Solution' paragraph. **Find and copy** a word that suggests more and more of something is happening.

5. Look at 'Ocean Clean Up Group'. **Find and copy** a word that refers to animals that live independent of humans.

PLASTIC POLLUTION

SEQUENCING

Sequencing requires pupils to put events/information in chronological or other specific order.

FIRST ←————→ **LAST**

Draw a line to identify the order in which events occur in the text.

1st	Plastic bags are now sold in the UK for 5p
2nd	8 Million tons of plastic enter the ocean each year
3rd	Enormous vortex of plastic waste in the ocean close to Hawaii
4th	A trip along the coastline and you will encounter plastic
5th	Plastic is easy to mould and shape

PLASTIC POLLUTION



Ninja Tip:

Find these facts in the text! Then put numbers next to them in the order that they happen!

MULTIPLE CHOICE

Multiple choice requires pupils to choose from a range of options. They must refer back to the text to find the key information.

1. Scientists have been studying ocean garbage patches since: (Circle one answer).

1960's

1970's

1980's

1990's

2. By what year do experts think that there will be more plastic in the ocean than fish: (Circle the answer).

2020

2030

2040

2050

3. Which is one of the easiest ways to avoid plastic: (Circle one answer).

recycling waste

dining in

not eating

use local stores

4. Micro beads have been banned in the use of: (Circle the answer).

face scrubs and toothpaste

food

food packaging

manufacturing

5. For many years, plastic has been discarded in : (Circle the answer).

bins

rivers

landfills

fields

PLASTIC POLLUTION

ANSWERS

The following pages contain the answers for each of the comprehension question pages.



THE COMPREHENSION DOJO
Vocabulary Ninja

TRUE OR FALSE

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**Decide if the statement is True or False.
Put a tick in the correct box.**

STATEMENT	TRUE	FALSE
There is a garbage patch 3 times the size of France.	✓	
Plastic bags in the UK now cost 10 pence.		✓
There are 5 trillion pieces of plastic floating in the world's oceans.	✓	
Experts think that by 2040 there will be more plastic in the seas than fish.		✓
Synthetic plastic was first produced over 100 years ago.	✓	

PLASTIC POLLUTION

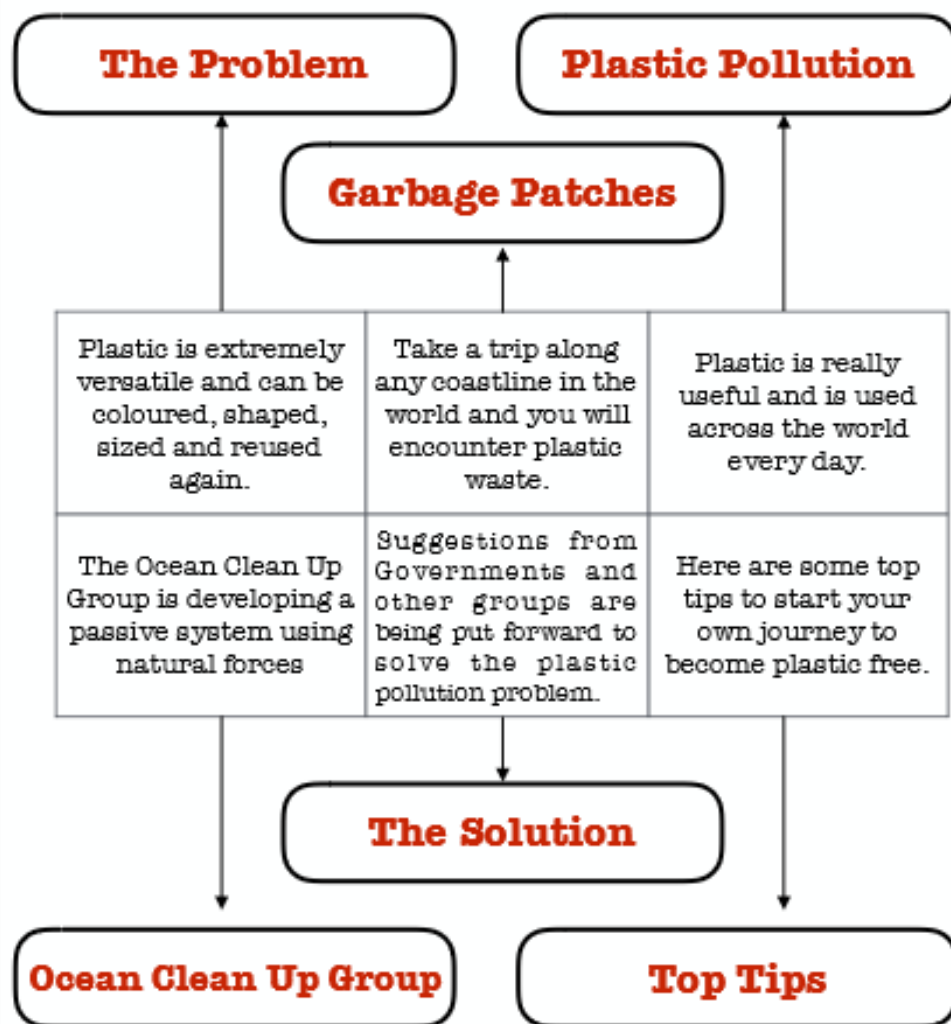


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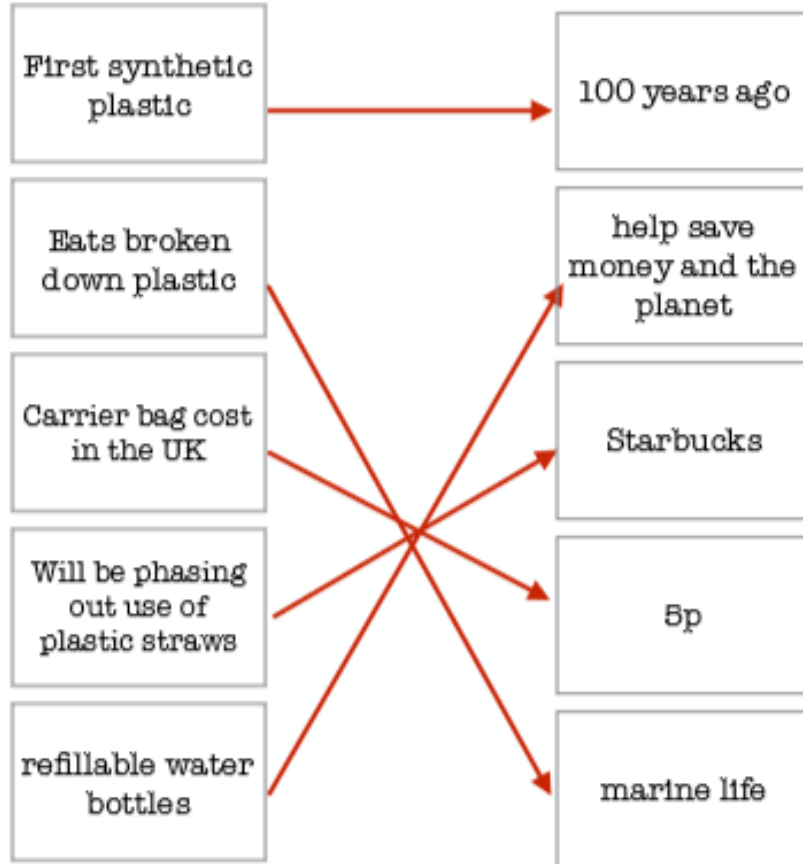


PLASTIC POLLUTION

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**PLASTIC
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Underline (U) or Highlight (H) Questions.

1	U or H a word that means where the land meets the ocean or sea. - coastline
2	U or H a word that means a rough calculation or judgement. - estimate
3	U or H a word that means to gather or collect using a huge net. - trawl
4	U or H a word that means small pieces that have been scattered. - debris
5	U or H a word that means intended to be thrown away. - disposable

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endangering _____

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reused _____

3. Look at the Garbage Patches paragraph. **Find and copy** a word that suggests you will meet or come across something unexpectedly.

encounter _____

4. Look at the 'The Solution' paragraph. **Find and copy** a word that suggests more and more of something is happening.

increasingly _____

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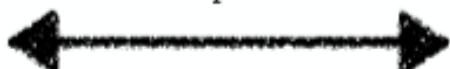
wildlife _____

PLASTIC POLLUTION

SEQUENCING

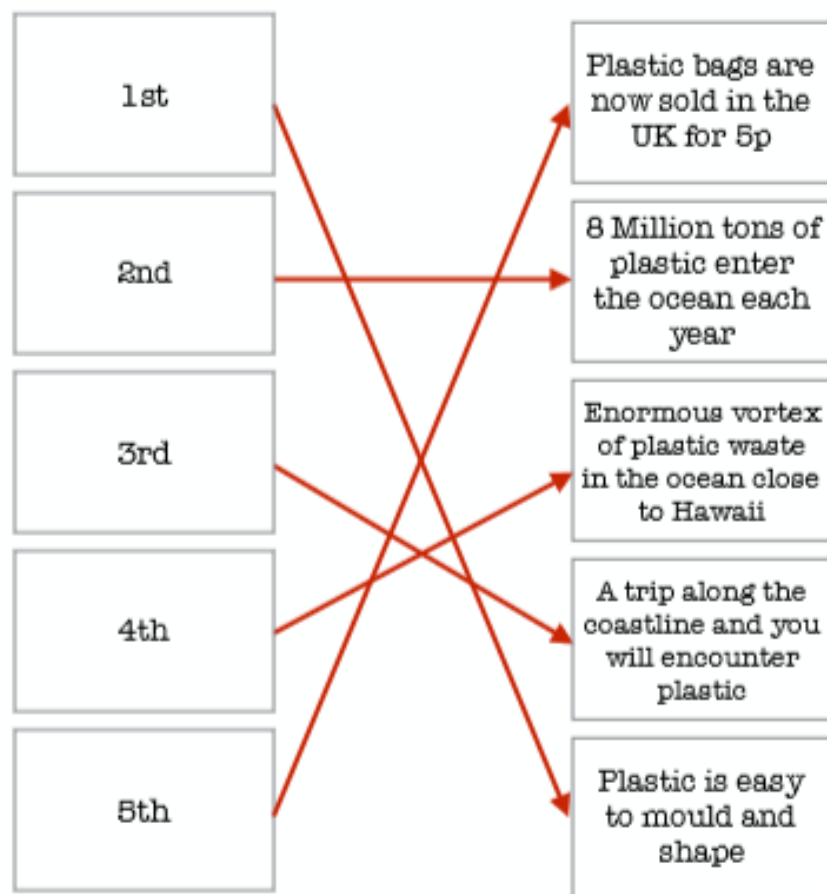
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