

Wednesday 27<sup>th</sup> January 2021

L.I. Can I use technical language in my writing?

We use technical language when we are writing about something specific. We are going to be writing a report about the Antarctic so we need to identify some vocabulary that would be useful to use. Use the extracts from Ice Trap and any other research you have completed to help you.

Your task today is to complete the boxes with different types of words which are about the Antarctic. You may like to use a thesaurus to make the words more specific and uplevelled. The colours correspond to the Language through colour initiative that we as a school are using.

Nouns and Proper Nouns  
Who will we be writing about?

Antarctic  
ice floe

Verbs  
What verbs might we use when writing about  
the Antarctic?

inhabit

Prepositions  
What prepositions could we use when  
E.g.

underneath

Adjective and Expanded Noun Phrases  
What is it like?

tightly packed ice ...

Other words or phrases you might want to use....

Look at these examples of non-chronological reports ready to plan your own tomorrow. Can you make a list of what you need to include?

### Nuclear FUELS

**What is it?**  
It is a substance that is used to produce heat to power turbines. Heat is produced when nuclear fuels undergo the nuclear fission.

**WARNING: RADIOACTIVE**

The main nuclear fuels are uranium and plutonium. These are radioactive metals. Unlike fossil fuels, nuclear fuels are not burnt to make energy. Instead, nuclear fission reactions in the fuels release energy.

**THE PROCESS OF Nuclear Fission:**

When a neutron strikes a nucleus, it splits into two smaller nuclei, releasing energy and more neutrons. These neutrons can then strike more nuclei, creating a chain reaction.

**Advantages:**

- Unlike fossil fuels, nuclear fuels do not produce carbon dioxide or sulfur dioxide.
- This helps the global warming slow down.
- The U.S. saves \$2 billion dollars a year for energy costs.
- It must be stored safely!

**Disadvantages:**

- Radioactive and nuclear fuels are non-renewable energy sources. It takes 10,000 years to produce new nuclear fuel.
- Accidents can happen. For example, in 1986, a nuclear power plant in Chernobyl, Ukraine, had an accident. It released a lot of radioactive material into the world.
- France is the most nuclear country in the world.

**DID YOU KNOW?**

- Enrico Fermi, an American-Italian physicist, was the discoverer of nuclear energy.
- In 2011, the U.S. electricity came from nuclear energy.
- France is the most nuclear country in the world.

### Reasons why...

Since the beginning of the industrial revolution, the demands for energy has increased dramatically. Today, most of the world's energy is produced by burning fossil fuels. This is causing global warming and climate change. Nuclear energy is a clean, safe, and reliable source of energy. It can help reduce the world's carbon footprint and slow down global warming.

**Did you know?**

- It is really that dangerous? In 1986, the Chernobyl nuclear power plant in Ukraine had an accident. It released a lot of radioactive material into the world.
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### Famous New Yorkers

There are many famous people who come from New York:

- Lady Gaga
- Donald Trump
- Mark Zuckerberg
- Theodore Roosevelt
- Post Malone
- Christina Aguilera
- Paris Hilton
- Scarlett Johansson
- Lana Del Rey

### New York

New York is a state in the United States of America. It has 62 cities, the most famous being New York City. Its capital city is Albany and the entirety of New York covers 54,555 square miles.

**Did You Know?**

New York's state motto is 'excelsior' which means 'ever upward'.

### Places to Visit

There are lots of places to stay in New York. Manhattan, is the most popular destination to stay, offering busy city living. Another popular location is Albany, offering a 'living like the locals' experience.

**The Statue of Liberty**

The 1930s was a difficult time for New York and its residents, as the Great Depression took hold. However, not too much has changed since then - the busy streets of New York were still congested with people, and the subway lines were still running around the clock. Iconic destinations were still filled with holiday-makers. However, some noticeable differences of New York are the narrower streets, and the Empire State Building was the tallest of its kind in the world.

### Speed king

**Watchful cheetah**

Can't catch me!

Cheetahs can reach a maximum speed of 112 kph (70 mph) in under three seconds. They have a long neck and a long body, which helps them to run so fast.

**A crying cat**

Due to its build and speed, the cheetah is often compared to the greyhound.

**A Decreasing Population**

The global population of cheetahs is currently around 10,000. As the cheetahs' numbers decline, conservationists are very worried about this incredibly fast decline in the world's cheetah population. Many people blame humans for this fall in population, and it is thought that if we don't act soon cheetahs could be extinct within 20 years.

**World Cheetah Population**

The cheetah is a big cat, which has long, slender bodies. Built for speed and agility, the cheetah has a small head, a long, streamlined body, and thin, powerful legs. Swift and slender, it is the fastest land animal in the world.

**Motherly love**

When the cubs from being killed by predators when they are young, the mother moves them to new locations on a daily basis. The cubs are covered in spots for when they are small, the camouflage them in the grass, and makes them look bigger.

**Atlantic Ocean**

Cheetahs used to live throughout Africa, and in much of Asia. Today, however, they are mostly found in East and Southern Africa. There is only one place in Asia where cheetahs remain.

### La Mexico

**Beachies**

Be amazed by our beaches of golden sand and crystal clear blue water. Relax on the shore, watch the waves hit the shore, and enjoy the sun. It's all here, in the heart of Mexico. Visit the majestic mountains, beautiful beaches, and a taste of authentic Mexican food.

**Tourist attractions**

Falling curious? Then why not explore the many attractions around Mexico. Fluffy butterfly biosphere. Take your way over to the Monarch. Take your way over to the Monarch. Take your way over to the Monarch. Take your way over to the Monarch.

**Food**

Mexican food is simply the best, and there's no better place to consume it than Mexico itself! Tickle your taste buds with enchiladas, tasty tacos and delicious tamales. Be impressed by the heaven on a plate.

**Map of Mexico**

Do you deserve a break? Are you missing the sun? Well, not no more, and come on down to magnificent Mexico! Visit the majestic mountains, beautiful beaches, and a taste of authentic Mexican food.

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### The Deadly Jabberwock

Have you ever wanted to know what the most menacing, malicious and blood-curdling creature on earth is? It isn't the Bandersnatch, nor the Jabub bird - it is the Jabberwock. Want to learn more about how to identify it, what it eats and where to find it (or how to avoid it)? If the answer is yes, then look no further! The more you learn, the more equipped you are to defeat the creature that feeds on fear and happiness the way butterflies feed on nectar.

**Habitat**

If you think its appearance is gruesome, then you better stop reading as his home is even more revolting! In the centre of Tulgey Wood, where no being lives, are some huge trees. Under these trees is a path that is lined with skulls. The path leads to the lair itself, where many go in but no one comes out. The lair contains:

- the stolen eggs of the Jabub bird which he keeps incubated in slimy mucus;
- the rancid nest where the Jabberwock sleeps (made from feathers and bones left over from his many meals);
- bowls of blood, which he drinks when thirsty.

**Appearance**

The ferocious Jabberwock has an alarmingly strong tail that can snap a grown man in half. The Jabberwock, who has teeth like daggers, is a carnivore. He has two rows of canine teeth, which he uses for ripping and tearing at raw meat.

**Diet**

The malicious beast demolishes any breathing creature that falls in his path; he particularly enjoys a Borogrove or a Jabub bird. He plays with his food to begin with, then rips it apart with razor sharp teeth and claws. Occasionally (especially when eating humans) the Jabberwock has been known to devour his meal whole!

**Enemies**

The Jabberwock has only one known enemy - the Vorpal Blade! This blade was forged in the flame of Mount Gloom when the world first began. If you do not have the blade and dare to approach the beast, your end is inevitable...

### Traumatic Trenches In WW1

**How trenches were built**

The first trenches were built in 1914. The front line was established, and the trenches were dug. The trenches were built in a zig-zag pattern, and the front line was established. The trenches were built in a zig-zag pattern, and the front line was established.

**Humour?**

The return of food for a soldier in World War I (WWI) was not very high. They were not very happy because they were not very happy. They were not very happy because they were not very happy.

**Troubled Trench Disease**

If you lived in trenches you would have to fight back diseases. You would have to fight back diseases. You would have to fight back diseases.

**How to keep clean, or try to!**

The soldier who had to live in the trenches, had a hard time. The soldier who had to live in the trenches, had a hard time. The soldier who had to live in the trenches, had a hard time.