May the Fourth Be with You! This week, your English Learning Pack will help you celebrate Star Wars (Mrs Waters loves Star Wars!)

We hope that you are all keeping well and enjoying the home learning. We love seeing all your work – don’t forget to send it to

projects@beddingtonparkprimary.com

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1. Reading Comprehension: The Sun – What a star! (text, questions and answers)
2. Grammar activity: Modal verbs (activities and answers)
3. Spelling activity: Becoming a spelling master
4. Writing activities:
   a. Write like Yoda!
   b. Descriptive writing
Comprehension: The Sun – What a star!

The Sun is a star and is at the centre of our solar system. That is why it is called a solar system. The word solar means ‘relating to the Sun’. The planets in our solar system stay together because the Sun is so big its gravity keeps us all locked in orbit around it.

Making Energy:
The Sun provides almost all the energy, light and heat needed on Earth and it mainly uses hydrogen and helium for this. Energy is made at its core in the centre of the Sun’s sphere. Around the core is the radiative zone which carries the energy to the next layer – the convection zone. It takes about 170,000 years for the energy to move from the core to the convection zone! The photosphere is at the Sun’s surface and the energy gets to there from the convection zone in large bubbles. From here, the energy escapes (through the chromosphere and corona) and some of it comes to Earth. It takes about 8 minutes for heat to reach us from the Sun.

Did you know?

Surface temperature: 5505°C
Distance to Earth: 149.6 million km
Radius: 696,342 km
Circumference: 4,366,813 km (2,713,406 miles)
Mass: 1,989,000,000,000,000,000,000,000,000,000 kg
(About 1.3 million Earths could fit inside the Sun)

Lifespan:
The Sun is actually a yellow dwarf star and was created about 4.6 billion years ago. The Sun will eventually run out of energy and fade, but don’t worry...this won’t be for another 4.5 to 5.5 billion years yet! Before the Sun eventually fades, in an unimaginable time from now, it will get bigger and turn into what is called a ‘red giant’. In 1.1 billion years from now, the Sun will be 10% brighter than it is today. This will make Earth a bit like a greenhouse – hot and moist. 3.5 billion years from now, it will be even brighter than that at 40% more than it is today. This will be so hot that the oceans will boil and the ice will melt. It’s safe to say that there will be no life on Earth by then, but with space travel already making new discoveries and exploring other planets, where do you think humans will be by then?
Questions About The Sun

1. What gases is the Sun mainly made from?

2. How long does it take energy to reach Earth from the Sun?

3. How far away is the Sun from Earth?

4. What type of star is the Sun now?

5. List the different layers of the Sun from the centre to the outside.

6. What keeps our solar system of planets orbiting the Sun?

7. Solar means ‘relating to the Sun’. Think of two (or more) examples where we use the word ‘solar’.

8. Will the Sun last forever? If not, why not?
9. In the final paragraph it says that Earth will become ‘a bit like a greenhouse’. A greenhouse is warm and moist inside because of the glass that lets heat and light in and keeps it in. Our Earth is not surrounded by glass, so what will let the heat and light in and keep it in?

10. Look at the final line - where do you think humans will be by then?
Answers

1. What gases is the Sun mainly made from?
   
   **Hydrogen and helium**

2. How long does it take energy to reach Earth from the Sun?

   **8 minutes**

3. How far away is the Sun from the Earth?

   **149.6 million km**

4. What type of star is the Sun now?

   **A yellow dwarf**

5. List the different layers of the Sun from the centre to the outside.

   **Core, radiative zone, convection zone, the photosphere, chromosphere, corona**

6. What keeps our solar system of planets orbiting the Sun?

   **The Sun’s gravity**

7. Solar means ‘relating to the Sun’. Think of two (or more) examples where we use the word ‘solar’.

   **Any including: solar panels, solar energy, solar power, solar eclipse, solarium, solar cell, solar year**

8. Will the Sun last forever? If not, why not?

   **No. It will use all its energy eventually.**

9. In the final paragraph it says that Earth will become ‘a bit like a greenhouse’. A greenhouse is warm and moist inside because of the glass that lets heat and light in and keeps it in. Our Earth is not surrounded by glass, so what will let the heat and light in and keep it in?

   **The atmosphere**

10. Look at the final line - where do you think humans will be by then?

    **Open ended for discussion.**

    There’s every possibility we may be in other solar systems or galaxies by then.
Grammar – Modal verbs

This week we will be learning about modal verbs. Have look at this website for some videos about modal verbs https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zps4pbk

Modal verbs are verbs that indicate likelihood, ability, permission or obligation. Look at the words below which are examples of modal verbs.

will would should could
may can shall must might

Activity 1 – Read the quotes from Star Wars below. Can you identify the modal verbs in each quote? (Tip – there may be more than one!) You could highlight them like I have, or write them down.

1. May the force be with you!
2. “Named must your fear be, before banish it you can” (Yoda)
3. “Compassion, which I would define as unconditional love, is essential to a Jedi’s life. So you might say, that we are encouraged to love” (Anakin Skywalker).
4. Once you start down a dark path, forever will it dominate your destiny.
5. “Well, if droids could think, there’d be none of us here” (Obi-Wan Kenobi).
6. “If you strike me down I shall become more powerful than you can possibly imagine.” Obi-Wan Kenobi

Activity 2 – Application

1. Consider the situations below and see if you can create a sentence using each of the modal verbs supplied with the example. You may be able to use two or more of the modal verbs in one sentence. Be as creative as you can in your thinking.

Example: An elephant jumps into a swimming pool.  

Although some people might disagree, my feeling is that elephants should wear swimming costumes and must not be allowed to swim if they don’t.
a) A bull gets loose in a supermarket.  

b) A teddy bear plays up front for Manchester United.

c) It rains non-stop for a month.

d) A shark has a wrestling match with a bear.

e) A chocolate river is found in South America.
Answers

- May the force be with you!
- “Named must your fear be, before banish it you can” (Yoda)
- “Compassion, which I would define as unconditional love, is essential to a Jedi’s life. So you might say, that we are encouraged to love” (Anakin Skywalker).
- Once you start down a dark path, forever will it dominate your destiny.
- “Well, if droids could think, there’d be none of us here” (Obi-Wan Kenobi).
- “If you strike me down I shall become more powerful than you can possibly imagine.” Obi-Wan Kenobi
Spelling – Become a Jedi Master!
This week, we would like you to build upon your previous weeks’ spellings. Using the words in the list below, choose at least two activities to help you practice spelling the words.

![Spelling Bee](image)

<table>
<thead>
<tr>
<th>vicious</th>
<th>ambitious</th>
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<tbody>
<tr>
<td>gracious</td>
<td>cautious</td>
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<tr>
<td>spacious</td>
<td>fictitious</td>
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<td>malicious</td>
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<td>anxious</td>
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<tr>
<td>ferocious</td>
<td>obnoxious</td>
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- **Bubble Letters**
  Write your spelling words using bubble lettering and then colour them in.

- **Add ‘Em Up!**
  Give each of your spelling words a score: 2 points for a consonant and 5 points for a vowel. Which word wins?

- **Order! Order!**
  Write your spelling words out in alphabetical order.

- **Speed Write**
  How many times can you write each of your spelling words in 30 seconds?

- **Word Scramble**
  Ask a friend or grown-up to scramble all of the letters in each of your spellings.
  Can you work out each

- **Dictionary Definitions**
  Look up each of your words in a dictionary (or an online dictionary). Do you understand what each word means?
In Star Wars, Yoda is a wise character who speaks in a very unique manner. We want you to have some fun this week and try to speak like Yoda! Can you write down some everyday phrases in ‘Yoda’ speak? You could create a presentation or create some posters. We would love to see them! Have a look below for some inspiration! You will notice that his use of modal verbs is usually towards the end of his sentences (do you like the link there?!)

“Your path you must decide.”
-Yoda

Close your mouth and open your ears, you must. Then hear what your true heart is seeking, you will. Yoda
Descriptive writing

Imagine that you have been suddenly transported to the future, hundreds of years from now. Can you write a description of this new place? Are there flying spaceships overhead? Is the city in the sky? Can you see planets from where you are?

Remember to consider the following-

- What can you see? Use a range of new vocabulary, include adjectives and noun phrases
- What can you hear?
- A range of sentence openers
- A range of sentence types (long, short, complex)