St. Antony's Catholic College

Aspire - Believe - Achieve

<u>Year 7 Science – All Zones</u>

Once your work is completed you do not need to submit it. You can mark it in green when the answers are published and keep it neatly and safely until you return to school. **If** you wish to submit a **good** piece of work, **after** you have marked it yourself, please do so using the SUBMIT button on ShowMyHomework.

See https://help.teamsatchel.com/en/articles/2912000-submitting-my-work-online for instructions on how to do this.

If you've any issues with your work please comment on Showmyhomework and we will respond to you.

If you don't have the textbook, I have attached images of these pages in this document.

- <u>Read</u>

https://www.bbc.co.uk/bitesize/topics/z8c9q6f

- <u>Do</u>

Complete the challenge at <u>https://kahoot.it/challenge/09095030?challenge-id=cdd70436-6b91-4616-88be-38c102a27b7c_1593107990301</u>

Out in Space Quick Quiz

7La

1   Where does the Earth get most of its heat and light from?

   A   the Sun

   B   the Moon

   C   electricity

   D   burning fossil fuels

2   The Sun rises and sets every day because:

   A   the Sun moves around the Earth.

   B   the Earth moves around the Sun.

   C   the Earth spins on its axis once every 12 hours.

   D   the Earth spins on its axis once every 24 hours

      .

3   Which statement is true?

   A   day = 24 hours, year = 365 days

   B   lunar month = 24 days, year = 365 days

   C   day = 12 hours, night = 12 hours

   D   day = 24 hours, lunar month = 31 days

4   A satellite is:

   A   something that goes around the Sun.

   B   a planet that goes around a moon.

   C   something that goes around a planet.

   D   something that receives TV programmes.

7Lb

1   The Moon:

   A   can always be seen during the day.

   B   orbits the Sun.

   C   is a small star.

   D   orbits the Earth.

2   The Moon:

    A   always looks the same.

    B   reflects light from the Sun.

    C   makes its own light.

    D   is bigger than the Earth.

3   We see a solar eclipse when:

    A   the Sun gets between the Earth and the Moon.

    B   the Moon gets between the Earth and the Sun.

    C   the Earth gets between the Sun and the Moon.

    D   the Sun stops producing light.

7Lc

1   We have different seasons during the year because:

    A   the Earth's axis is tilted.

    B   the Moon moves around the Earth.

    C   the Sun moves around the Earth.

    D   there are 12 months in the year.

2   Which statement is true?

    A   We get more daylight in summer and less in winter.

    B   Daylight and night are the same length in summer and winter.

    C   We get less daylight in summer and more in winter.

    D   We get most daylight in the spring.

3   The Sun at midday:

    A   is highest in the spring.

    B   is highest in the summer.

    C   is highest in the autumn.

    D   is highest in the winter.

4   The Sun feels warmer in summer because:

    A   the Earth is closest to the Sun.

    B   the Earth is further away from the Sun.

    C   the Sun's rays are more concentrated.

    D   the Sun's rays are more spread out.

7Ld

1   The planets which belong to the Solar System are:

    A   all in orbit around the Sun.

    B   all made of rock.

    C   all made of gas.

    D   all smaller than the Earth.

2   Asteroids are:

    A   small lumps of rock orbiting the Sun.

    B   bigger than the Earth.

    C   small lumps of rock orbiting the Earth.

    D   small stars orbiting the Sun.

7Le

1   Stars are:

    A   lumps of hot rock in space.

    B   huge balls of burning gas, like the Sun.

    C   balls of burning gas, like the Moon.

    D   all very close to the Earth.

2   We can't see stars during the daytime because:

    A   they are very faint compared with the Sun.

    B   they are hidden behind the Earth.

    C   they are hidden behind the Sun.

    D   they cannot reflect light from the Sun during the day.

3   Which list shows things in order of size, starting with the smallest?

    A   galaxy, star, planet

    B   planet, star, galaxy

    C   star, planet, galaxy

    D   star, galaxy, planet

- <u>Self-Assess</u>

Using green pen, mark the work you completed last week using the answer sheets posted on Showmyhomework as the "Flexible Task".