Monday 20th April 2020

Good morning my Easter chickens. I hope you're all well and staying safe at home with your families. It seems strange not seeing you all this week with your smiling faces ready to learn. Hopefully we will all see each other very soon.

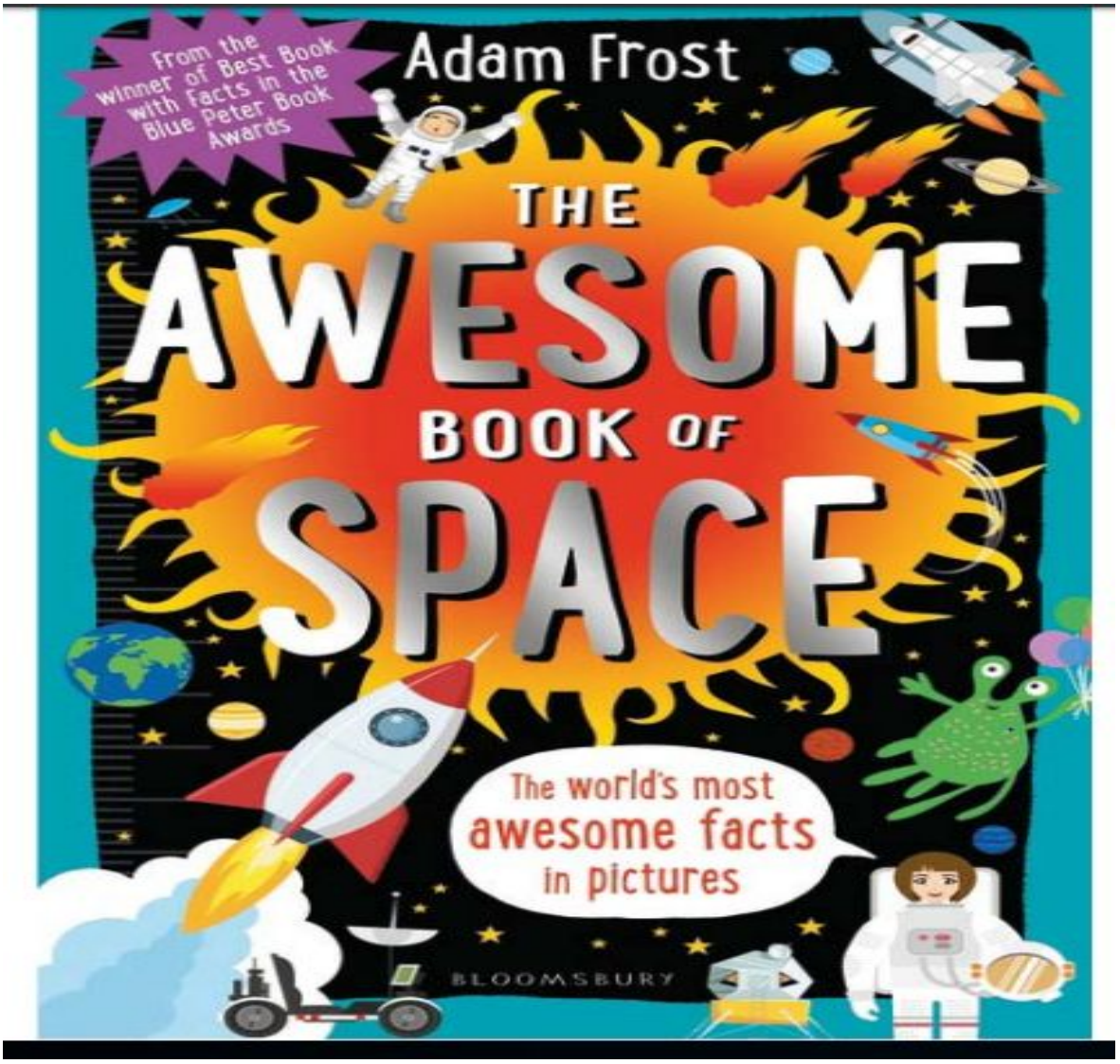
To kick off this week we are going to look at a different genre from the last task.

WALT – use retrieval skills to answer questions

WALT answer question involving authorial intent

Look at the front cover of the book.

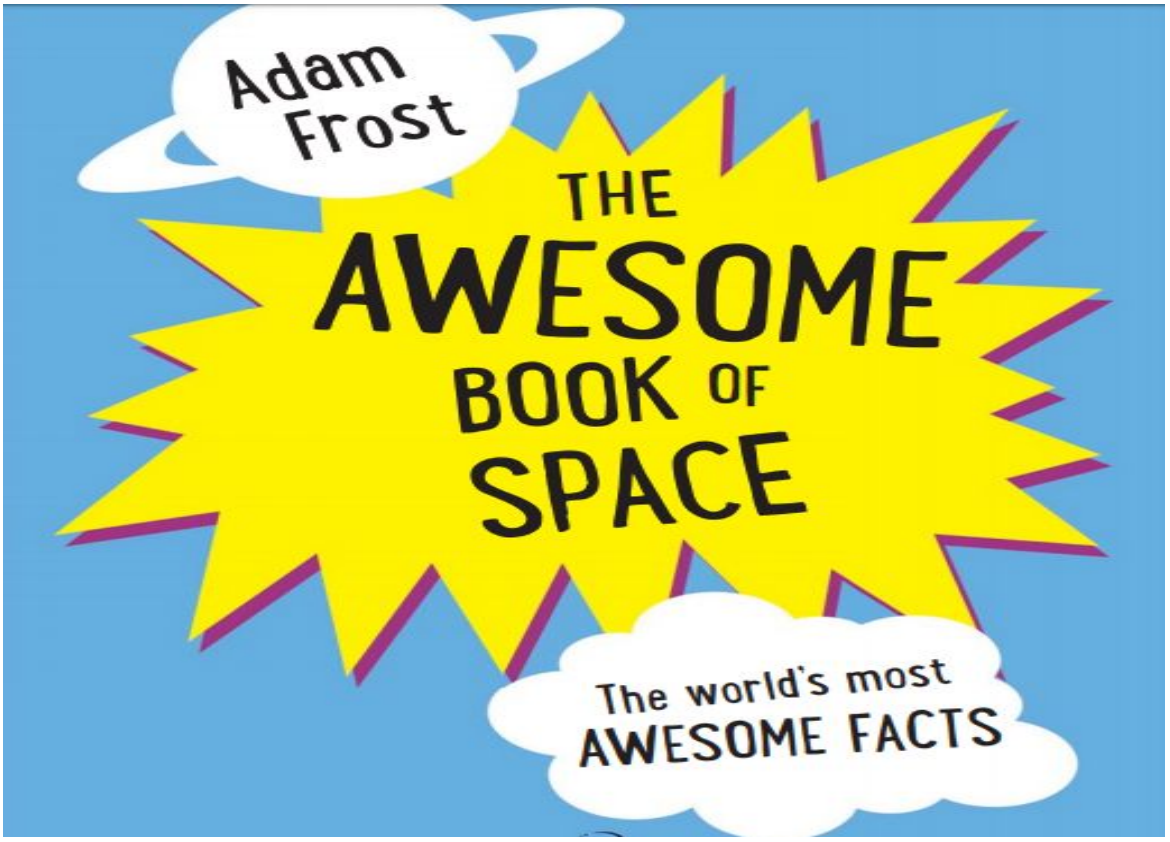
1. What genre do you think it is? Give 2 reasons to explain your answer.



You're right! This genre is an informational text.

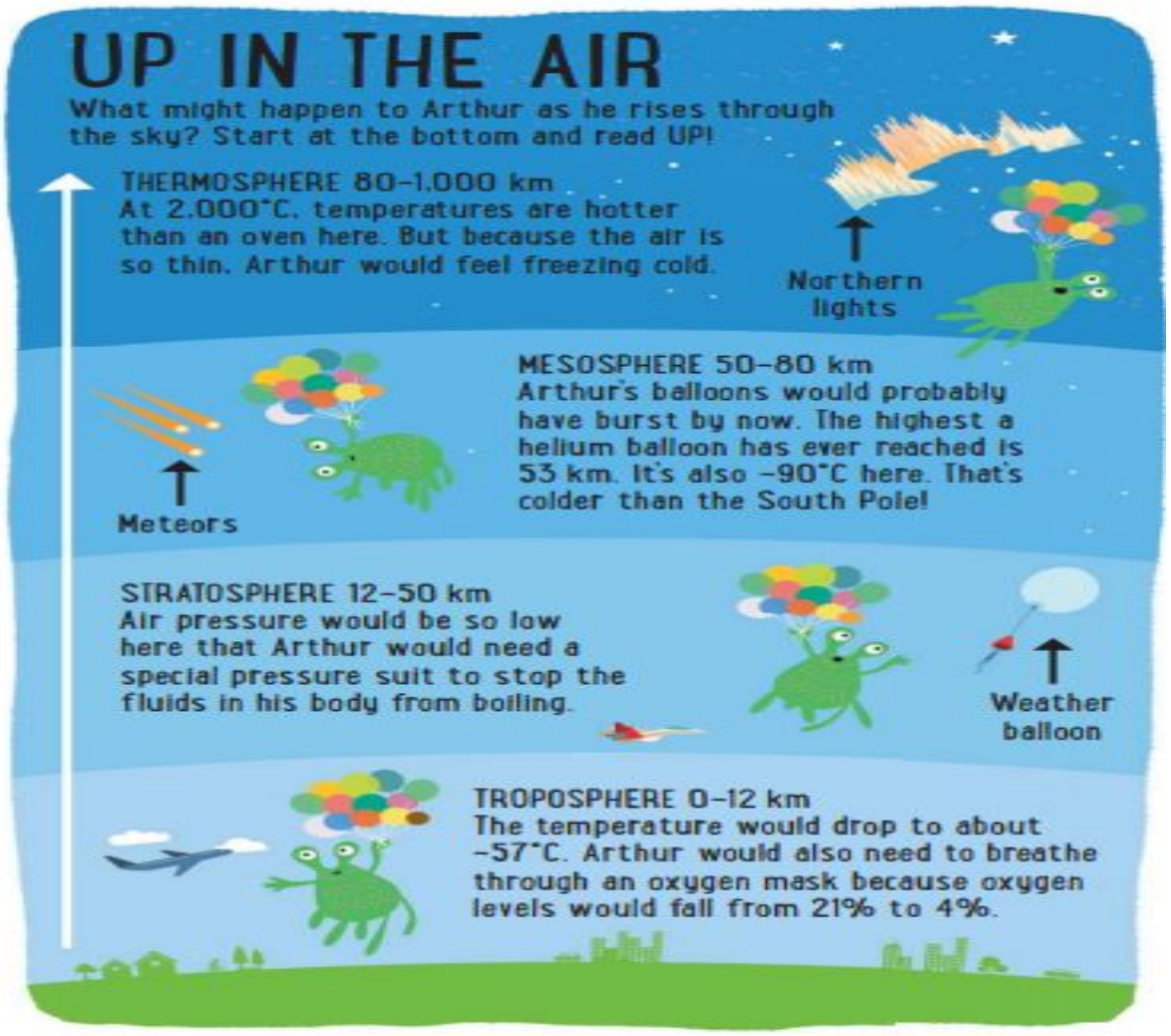
Now read the following pages and answer the questions.

Page 1

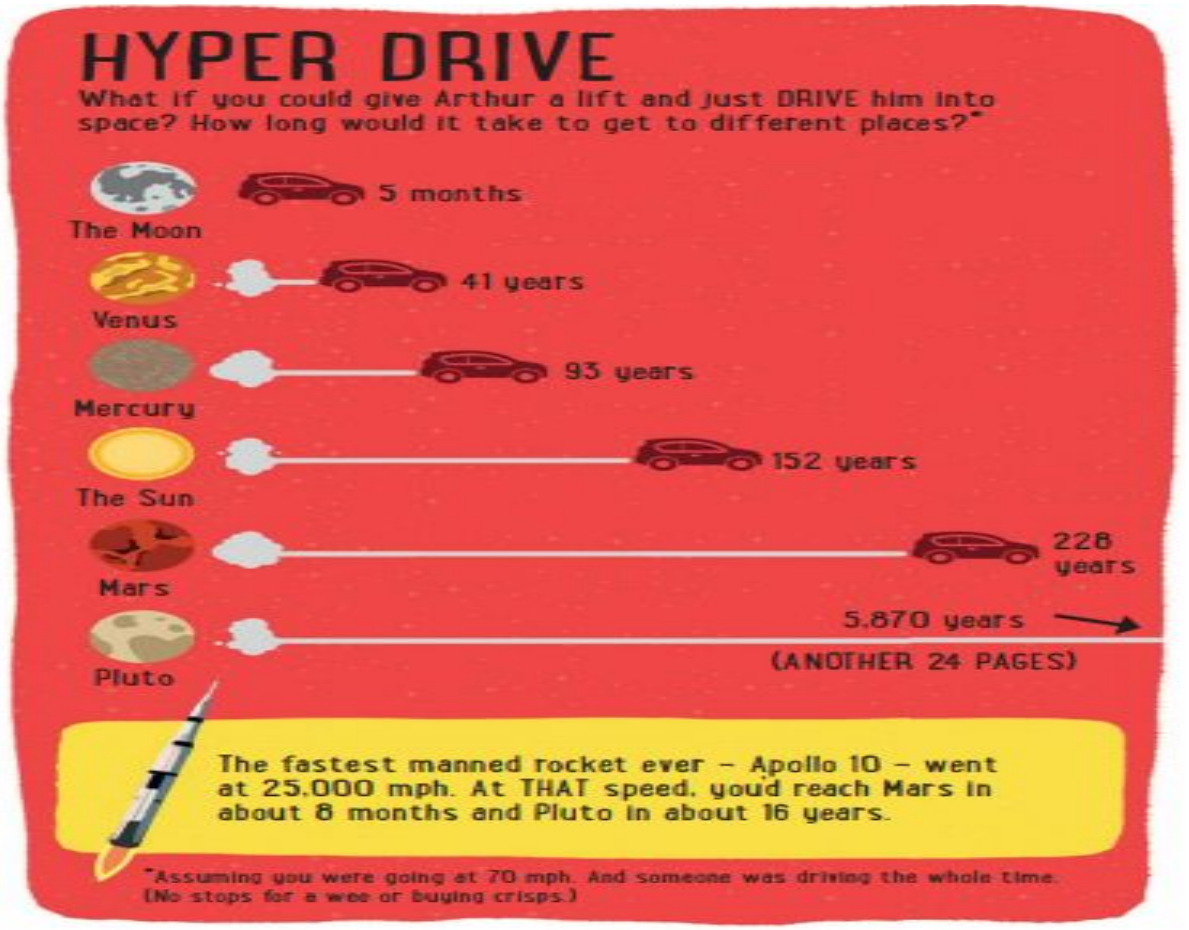



Page 2

Page 3


UP IN THE AIR
What might happen to Arthur as he rises through the sky? Start at the bottom and read UP!
THERMOSPHERE 80–1,000 km
At 2,000°C, temperatures are hotter than an oven here. But because the air is so thin, Arthur would feel freezing cold.
Northern lights
MESOSPHERE 50–80 km
Arthur's balloons would probably have burst by now. The highest a helium balloon has ever reached is 53 km. It's also –90°C here. That's colder than the South Pole!
Meteors
STRATOSPHERE 12–50 km
Air pressure would be so low here that Arthur would need a special pressure suit to stop the fluids in his body from boiling.
Weather balloon
TROPOSPHERE 0–12 km
The temperature would drop to about –57°C. Arthur would also need to breathe through an oxygen mask because oxygen levels would fall from 21% to 4%.

Page 4




**Questions:**

1. What word has Adam Frost used to make the reader want to read his book about Space?
2. Why do you think that the author chose, 'Lift Off' as the title for page 2?
3. How much does Arthur the alien weigh?
4. Research the gas – helium. How is it different to other gases?
5. Look at page 3 (Up in the Air). How is it organised to help the reader?
6. Order these events correctly to show what would happen to Arthur as he rose through the air.

   . Arthur's balloons burst
   . Oxygen levels would fall from 21% to 4%
   . The air is so thin at this level
   . Arthur would need a special pressure suit

7. At what height has a helium balloon ever reached?
8. What would the temperature feel like to Arthur in the thermosphere?
9. Look at the page 'Hyper Drive. How long would the fastest rocket take to reach Pluto?

**Challenge –**

Adam Frost wants to change the design of the page 'Hyper Drive'. It must include the same facts and information.

Can you design a new page? You could create a bar graph, pictogram or your own interesting design. Good luck!

## Answers:

1. What word has Adam Frost used to make the reader want to read his book about Space?
   ***Awesome***
2. Why do you think that the author chose, 'Lift Off' as the title for page 2?
   ***Relates to something leaving the ground like a rocket.***
3. How much does Arthur the alien weigh?
   ***28.6kg***
4. Research the gas – helium. How is it different to other gases?
   ***Helium is the only element that does not solidify under ordinary pressures and remains a liquid even at absolute zero. Helium is one of the inert or noble gases. This means that its outside electron shell is filled with electrons. This makes it very unreactive and non-flammable.***
5. Look at page 3 (Up in the Air). How is it organised to help the reader?
   ***Paragraph with arrows showing the direction of each stage.***
6. Order these events correctly to show what would happen to Arthur as he rose through the air.

***. Oxygen levels would fall from 21% to 4%***
***. Arthur would need a special pressure suit***
***. Arthur's balloons burst***
***. The air is so thin at this level***

7. At what height has a helium balloon ever reached?
   ***53km***
8. What would the temperature feel like to Arthur in the thermosphere?
   ***Freezing cold***
9. Look at the page 'Hyper Drive. How long would the fastest rocket take to reach Pluto?
   ***16 years***