

Science
Jupiter and Saturn
Book: Space
Pages 38-51

Students: Fill in the answers and return for assessment

Everything here is based on our Curriculum Visions Space book.

In this segment, we are going to learn more about the planets Jupiter and Saturn.

You will need to go to pages 38-45 of the book.

Part 1

What causes Jupiter's swirly appearance and belts?
What is another big feature on Jupiter?
Why is it such an active place?

Answer ...
Gases moving in the atmosphere.
The Great Red Spot
It has many volcanoes.

Now turn to pages 46-51 of the book.

Part 2

How long is a day on Saturn? How long is a year?
What are Saturn's rings made of? What causes their colours?
Could we breathe on Saturn? Why or why not?
Why is the inside of Saturn hot when the outside is very cold?

Answer ...
10 Earth hours / 29.4 Earth years
Billions of tiny pieces of ice and rock. / The Sun's light reflecting off the pieces.
No - there is no oxygen and the atmosphere is mostly hydrogen.
Very high pressure squishes the gases, raising the interior temperature.

Part 3

Which of these planets would you most like to visit, and why?

Answer ...

Students' own answers.

That is the end of this worksheet, and you can now turn to another one. Also, find out if your teacher has left you any other worksheets or special instructions on your school website.

If you are interested in this topic, continue to browse the book and watch our amazing videos. They start right on the book cover.

Or you may want to see related books. If so just go to the top of the screen, select science, and from the page that opens choose Space.