Race Through Space!

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Photographs by
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PM

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Race Through Space!

Level 22

Running Words 695 **Text Type** Procedure (Informative)

Curriculum Areas The Arts; Science

Retelling to encourage critical thinking about the content

Ask each student to retell the main steps in the correct order in his or her own words. Record the retelling for further discussion and reflection.

Think and Talk About ...

Fact boxes in the book encourage each student to explore the statements further and to share the information with others.

Questions to reinforce meaning and stimulate discussion

Literal

1 What had to be drawn around the planet Saturn?
2 Which planet was coloured red?
3 What are asteroids?

Inferential

4 Why was the space station drawn on the board first?
5 Why is Pluto called a "dwarf" planet?
6 Why were the planets Neptune and Uranus coloured blue and green?
7 Why was the planet Mars placed near Earth?
8 Why was the track between each planet divided into five equal spaces?

Applied Knowledge

9 What is a comet?
10 Why are there rules for most of the things you can see on a board game?

Links with other PM Guided Reading Books and Cards

Level 22	Card	Discussion	*Board Games versus Video Games*
Level 21	Book	Procedural Recount	*How to Put on a Class Play*
Level 22	Book	Narrative	*Space Holiday*
Level 22	Card	Procedure	*How to Ride a Unicycle*

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Contents

Goal 2
Materials 2
Steps 4
The Space Station 4
Pluto and the Planets 6
The Track 12
The Launch Pads and Wormholes 16
Decorating the Board 18
The Rockets 20
How to Write the Rules 22
Glossary 24

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Goal

To make a board game called "Race Through Space!"

Materials

You will need:

- a large sheet of white card



- a black marker pen



- coloured pencils



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- a small sheet of white card

- scissors



- a sheet of paper



- a dice.



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Steps

The Space Station

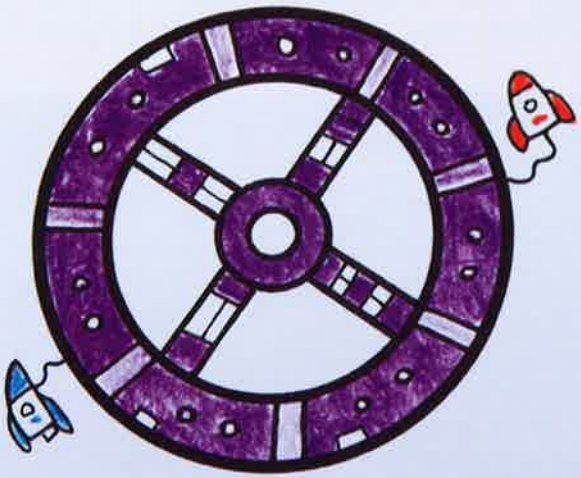
First, use the large sheet of white card to make the board for the game.

1. Start by drawing a **space station** in the bottom corner on the left side of the card. Use the black marker pen. The space station can be any shape you like.



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2. Use coloured pencils to colour the space station.



Think and Talk About ...

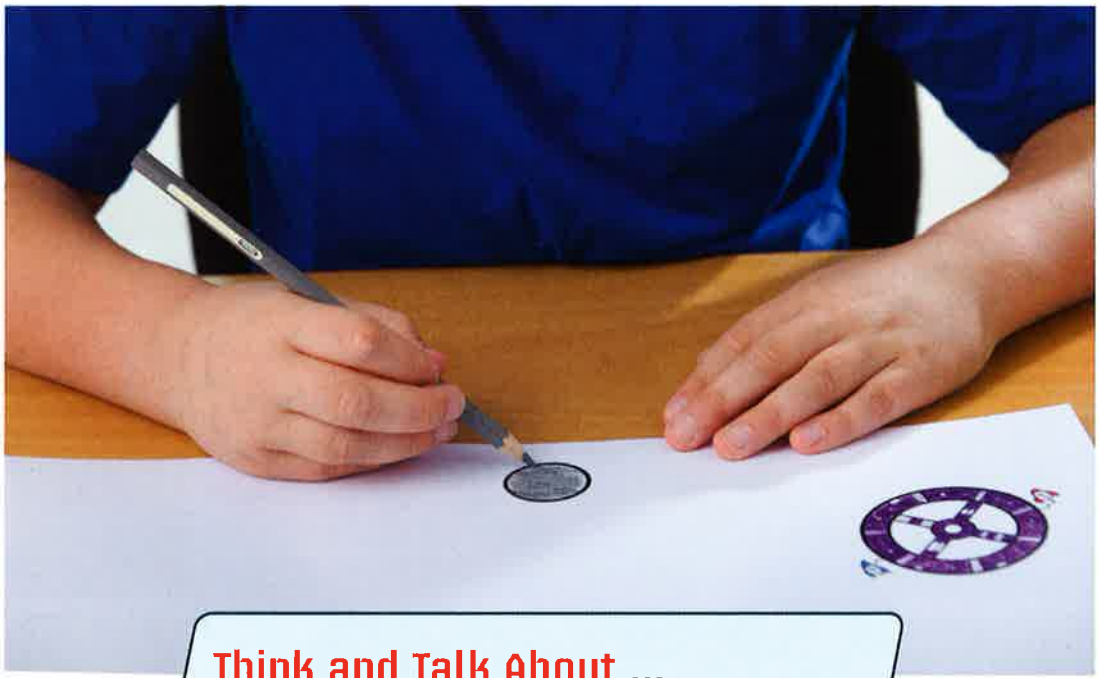
In the future, people might be able to build a space station at the edge of our solar system.

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Pluto and the Planets

Next, draw Pluto and the planets on the board.

1. Draw a small circle to the right of the space station.
   This will be the dwarf planet Pluto.
   Use a grey pencil to colour Pluto.



Think and Talk About ...

For nearly 80 years, Pluto was known as the ninth planet in our solar system. Scientists now know that there are many objects like Pluto in our solar system. So, in 2006, they decided to call Pluto a dwarf planet.

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2. Draw a large circle to the right of Pluto.
   This will be the **planet** Neptune.
   Colour the planet dark blue.

3. Draw another circle about the same size,
   halfway up the board on the right.
   This will be Uranus. Colour this planet green.



Think and Talk About ...

Neptune, Uranus, Saturn and Jupiter are huge planets called "gas giants".