

GILGANDRA OBSERVATORY

PRIMARY WORKSHEET

To complete this worksheet you will need to use

- Your observational skills
- Your reading skills
- Your listening skills

The Astronomers will gladly listen to your questions, but they may not always give you the answers. They will try to help you find the answers.

QUESTIONS

1 Who invented the first **Refracting Telescope** and when?

2 In the year the inventor of the first telescope died the invent of the **Reflector Telescope** was born. Who was he and what was the diameter of his first mirror?

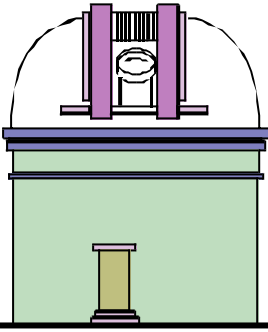
3 What is a **Light Year**?

4 How old is the **Sun**?

5 The **Reflector Telescope** uses mirror that is how many centimetres across?

6 This telescope detects what sort of **waves**?

7 The telescopes at **Parkes** and **Narrabri** detect



GILGANDRA OBSERVATORY

8 What is the only **safe** way to look at the **Sun**?

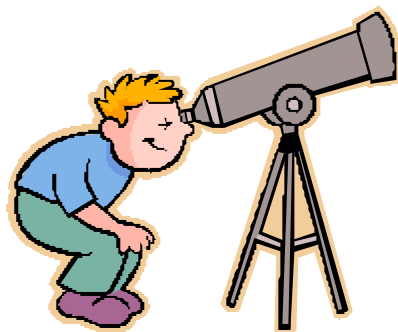
9 How far is the **Sun** from **Earth**?

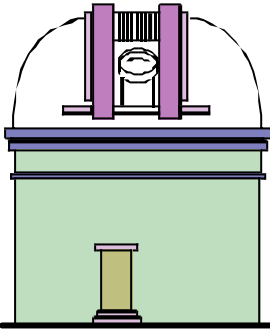
10 How long will our **Sun** last?

11 Sketch a cross-section of the **Sun**

12 What is a **Nebula**?

13 Name the **Nebulosity** which is in the **Saucespan**?





GILGANDRA OBSERVATORY

14 Sketch 3 types of **Galaxy**. Indicate the one most closely resembles our galaxy.

--	--	--

15 The **Jewell Box** is a what?

16 What are some of the **Colours** of the stars in the **Jewell Box**?

17 What is the name of the **Constellation** which Australians see all year round?

18 What is a **Globular Cluster**?

19 Name a **Globular Cluster**

20 How many stars are in this **Cluster**?

