

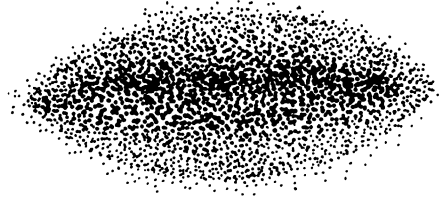
# Galaxy

A galaxy is a gigantic mass of stars and other heavenly bodies. They are bound together by gravity and whirl through space at tremendous speeds. The galaxy we live in is called the Milky Way but there are billions of other galaxies in space.

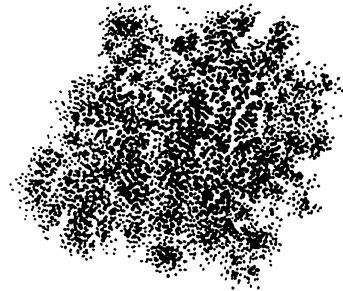
Galaxies have different shapes. Many are spiral shaped. They look like slowly turning giant pinwheels.



Other galaxies are shaped like a football. The scientific name for this shape is “ellipse.” The stars in the centre of an ellipse are packed closely together.




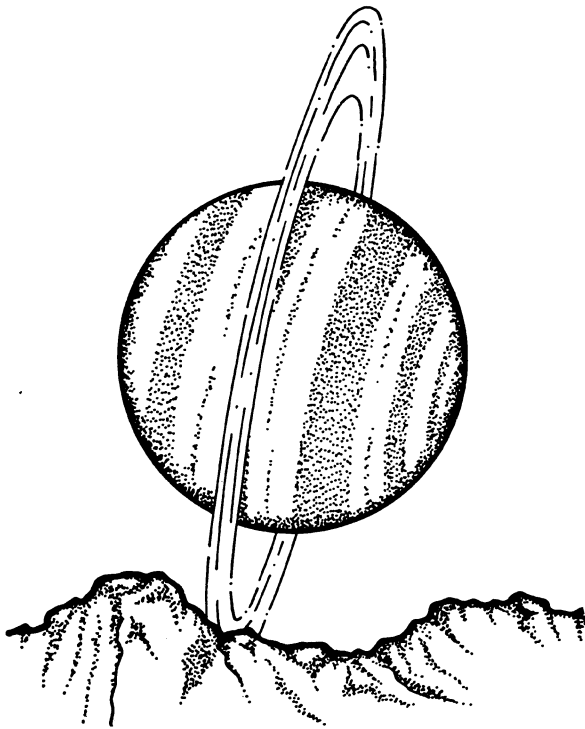
Still other galaxies have irregular shapes with random groupings of stars.



*Read each of the following statements. Circle “T” if they are true and “F” if they are false.*

- |  |   |   |
|--|---|---|
| 1. All galaxies have the same shape.                         | T | F |
| 2. Galaxies are bound together by gravity.                   | T | F |
| 3. The galaxy we live in is called the Milky Way.            | T | F |
| 4. “Ellipse” is another word for “pinwheel-shaped.”          | T | F |
| 5. Galaxies stand still in space.                            | T | F |
| 6. The Milky Way is the only galaxy in space.                | T | F |
| 7. The stars in the centre of an ellipse are tightly packed. | T | F |

 *What do you think would be some other good shapes for a galaxy?*



## Introduction

“Space” is one of a series of Science books from Hawker Brownlow Education. These books have been designed to enrich young children’s lives by sparking interest in reading and learning and by developing basic skills — skills that are important to their success in school.

Children are fascinated by space. You will find them reading and doing the activities enthusiastically. A variety of skills important to learning are presented. Some of these are: measuring, addition, subtraction, multiplication, sequencing, word recognition and using codes. The skills are noted at the bottom of each page.

Of special interest is the mobile on pages 27-30 which children will enjoy colouring, cutting, assembling and proudly displaying in the classroom or at home. An answer key is also provided on pages 31 and 32.

You may want to read some of the stories to younger children. Review the activities as they are completed and give praise for a job well done! Working along with each child helps make learning fun!

