

## Our experience...

- ▶ Our Team Leader is an experienced Science teacher and the staff members have long lasting experience in operating youth groups and teaching school classes.

## Our Observatory...

- ▶ It is situated at Rotary Park near Town Beach at Port Macquarie.



## How the Courses work...

- ▶ We start with basic knowledge about astrophysics and knowledge about space.
- ▶ After each meeting you will get a set of the slides we used for our presentation by e-mail.

(July 2021 / KGS)

## How we introduce new Members...

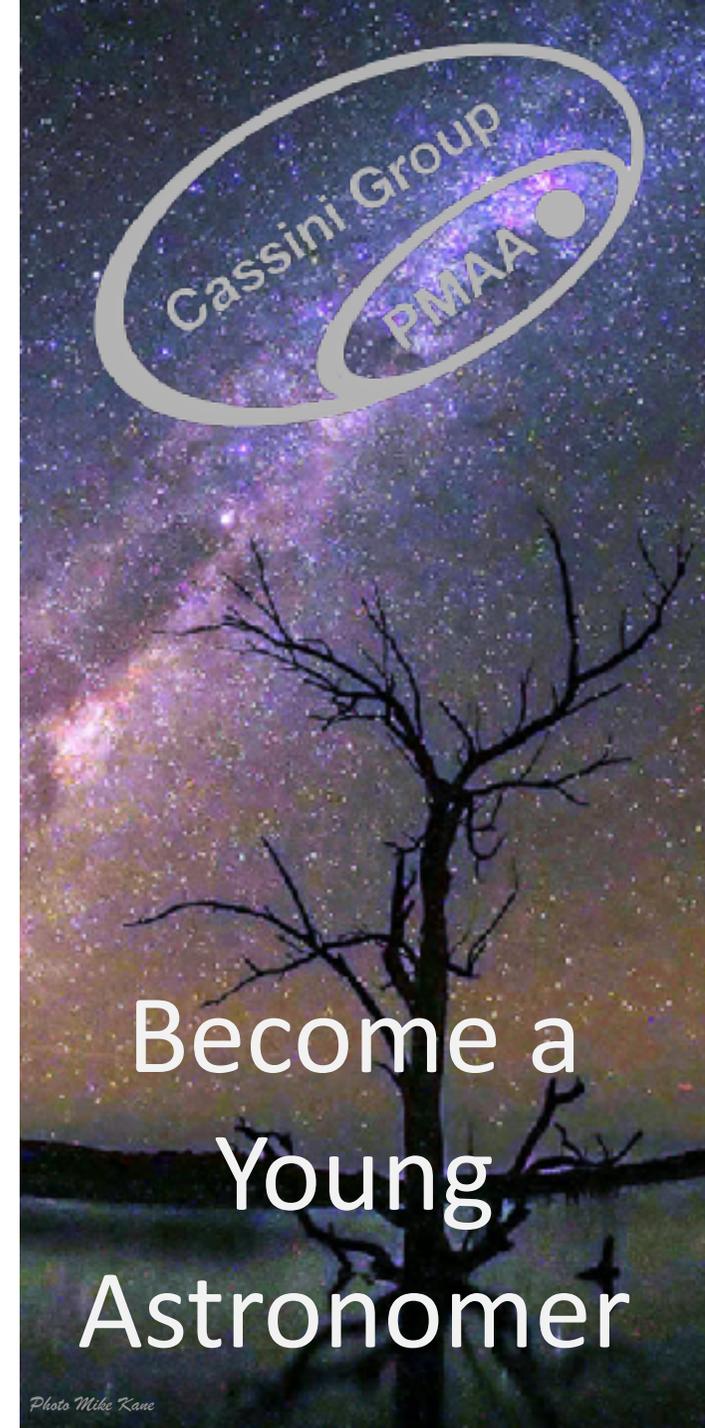
- ▶ When you join the Cassini Group in the middle of the year we will give you an introduction to speed you up.

## The Annual Fee...

- ▶ Your annual fee will be \$15.00 and you will be a Youth Member of the Port Macquarie Astronomical Association PMAA

## Good to know...

- ▶ You have to learn and aim high
- ▶ We have a 5.1" Dobsonian Newton Telescope you may use at home...
- ▶ As soon as you feel comfortable you may present your knowledge at the Observatory Open Nights or in Schools



Become a  
Young  
Astronomer

*Photo Mike Kane*

## Who we are...

The **Cassini Group** is an **astronomical youth group** and a part of the Port Macquarie Astronomical Association.

## Who can join...

If you are between 12 and 16 years old and interested in Astronomy.

## How you can become a member...

You can download the application form from our Website

[www.portastronomy.com.au](http://www.portastronomy.com.au)

> Cassini Group > Cassini Members Info



Port Macquarie Astronomical Association Inc.  
P.O. Box 1453  
Port Macquarie NSW 2444

## The Cassini Group has a lot to offer...

### You get...

- ▶ Lectures about astrophysics and how space has evolved
- ▶ Learn how to operate a telescope
- ▶ Learn how to safely observe sunspots and the Sun's surface
- ▶ Learn to use virtual planetariums on your PC



- ▶ On completion of the modules you will receive a Young Astronomer Certificate

## Where and when do we meet...

We meet every third week on a Wednesday evening for 1<sup>1</sup>/<sub>4</sub> hours.

## Join the Cassini Group and take a trip to Mars...

As a Member of the Cassini Group you will be introduced to the basics of astrophysics and through actively observing our sun, planets, stars, galaxies and deep sky objects learn about the universe.



## You will learn answers to questions like ...

- ▶ Why can't we see the far side of the Moon?
- ▶ Why are we exploring Mars to find water?
- ▶ What happens when the Sun dies?
- ▶ Locating one million stars in the Milky Way - what for?
- ▶ Why is the image in a telescope mirror-inverted?
- ▶ And much more...