# **Astrophysicist**

**Lisa** is an astrophysicist who loves seeing galaxies whose light has taken more than a billion years to reach Earth. Lisa was homeschooled from the age of 11 and has worked on exciting projects like the Australian Square Kilometre Array Pathfinder telescope at CSIRO. Find out more:

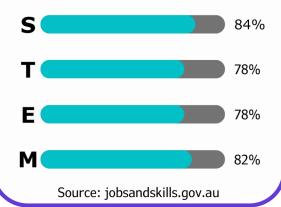
#### futureyouaustralia.com.au/pathfinders/lisa



"Astronomy helps us to understand where we came from, connect with the universe, and develop awesome inventions like medical scanners and wifi."

# **STEM Meter**

How much Science, Technology, Engineering and Mathematics (STEM) does this job use?



# **Job stats and facts**

**Future job growth:** Over the next five years jobs in this field are expected to grow moderately.

**Location:** Astrophysicists can work from anywhere.

#### **Employment pathways:**

A bachelor degree in a related field is required.

3 STEM skills r	required for
this job	

Subjects to develop these skills

3 other jobs that value this skill

Reading comprehension

**English** 

Data Scientist, Lawyer, Radiologist

Critical thinking

Science, Mathematics, Digital Technology Human Resources Manager, Software Engineer, Veterinarian

Complex problem solving

Design and Technologies,
Digital Technology

Video Game Developer, Air Traffic Controller, Social Worker





# Other careers related to this line of work



#### **Economy**

Human Resources Specialist Social Worker Psychologist Market Researcher Criminal Investigator



Physics Teacher
Planetarium Educator
Science Communicator
STEM Outreach Coordinator
Curriculum Developer



Project Administrator Research Director Chief Science Officer Space Program Manager Chief Technology Officer



### People

Science Journalist
Science Policy Analyst
Science Museums Director
Astronomy Outreach Coordinator
Science Librarian



## **Environment**

Environmental Scientist Atmospheric Scientist Geophysicist Space Weather Forecaster Astrobiologist

The world is changing rapidly, and this means the career possibilities available to our kids are wide-ranging and exciting (and probably, don't exist yet!).

From traditional vocations to emerging fields, there are countless pathways to be explored.

Parents and teachers can create environments that encourage kids to discover and investigate possible careers that match their skills and interests.

We've included some links to other valuable resources that can help guide career conversations and explorations. Find out more at:

www.futureyouaustralia.com.au/resources/other



