

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?



Source: jobsandskills.gov.au

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 required for this job

Reading comprehension

Critical thinking

Complex problem solving

Subjects to develop these skills

English

Science, Mathematics, Digital Technology

Design and Technologies, Digital Technology

3 other jobs that value this skill

Data Scientist, Lawyer, Radiologist

Human Resources Manager, Software Engineer, Veterinarian

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



Education

Physics Teacher
Planetarium Educator
Science Communicator
STEM Outreach Coordinator
Curriculum Developer



Leadership

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