

Play your cards right, choose a...

SCIENCE CAREER

www.queenslandstem.edu.au

A Ace a job in
Science


51 
The percentage of agriculture jobs in the city

3 
The number of jobs in agriculture for every university graduate

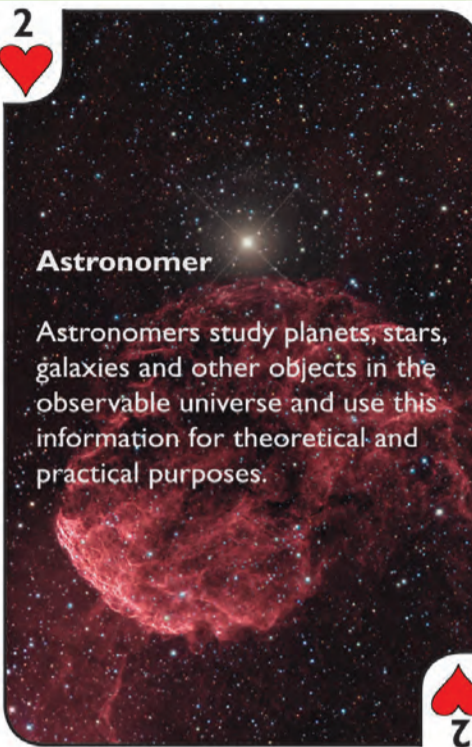
\$155 billion in value and 1.6 million Australian jobs are supported by agriculture





A

2 
Astronomer

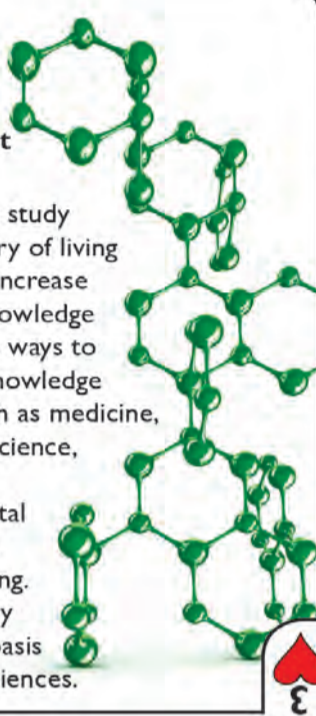
Astronomers study planets, stars, galaxies and other objects in the observable universe and use this information for theoretical and practical purposes.





2 

3 
Biochemist


Biochemists study the chemistry of living systems to increase scientific knowledge and develop ways to apply this knowledge in areas such as medicine, veterinary science, agriculture, environmental science and manufacturing. Biochemistry provides a basis for all life sciences.





3 

4 
Biotechnologist


Biotechnologists study plants, animals and microorganisms to develop uses for biological processes and create products for pharmaceutical, agricultural, diagnostic and environmental use, and advance industrial processes. They use small molecule technologies, nanotechnology, bioinformatics and synthetic biology.





4 

5 
Botanist

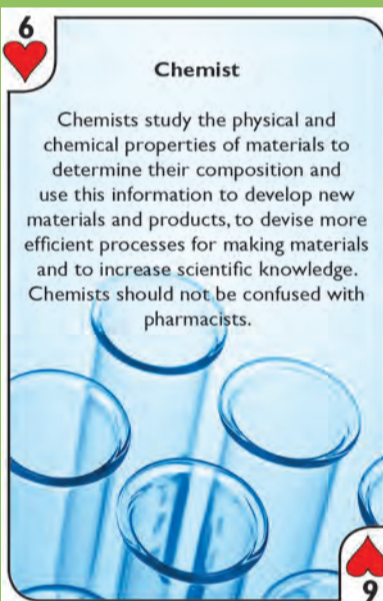
Botanists study the biology of all types of plants to increase scientific knowledge and apply it to the conservation and management of natural resources, agriculture, forestry, horticulture, medicine and biotechnology.




5 

6 
Chemist

Chemists study the physical and chemical properties of materials to determine their composition and use this information to develop new materials and products, to devise more efficient processes for making materials and to increase scientific knowledge. Chemists should not be confused with pharmacists.



6 

7 
Environmental Scientist

Environmental scientists measure and record features of the environment and study, assess and develop methods of controlling or minimising the harmful effects of human activity on the environment.



7 


8 
Food Technologist

Food technologists develop and improve existing food products and set standards for producing, packaging and marketing food.

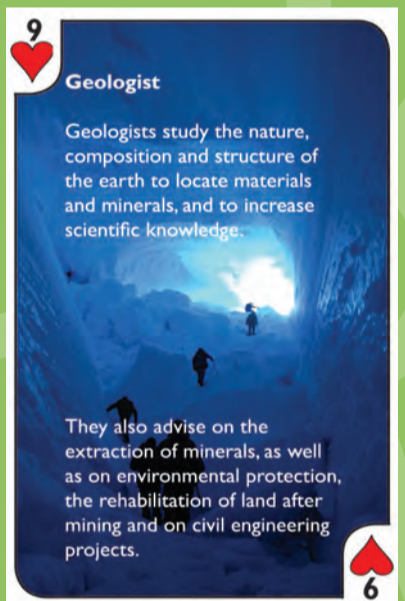


They use chemistry, microbiology, engineering and other scientific methods to study the process of food deterioration.


8 


9 
Geologist

Geologists study the nature, composition and structure of the earth to locate materials and minerals, and to increase scientific knowledge.

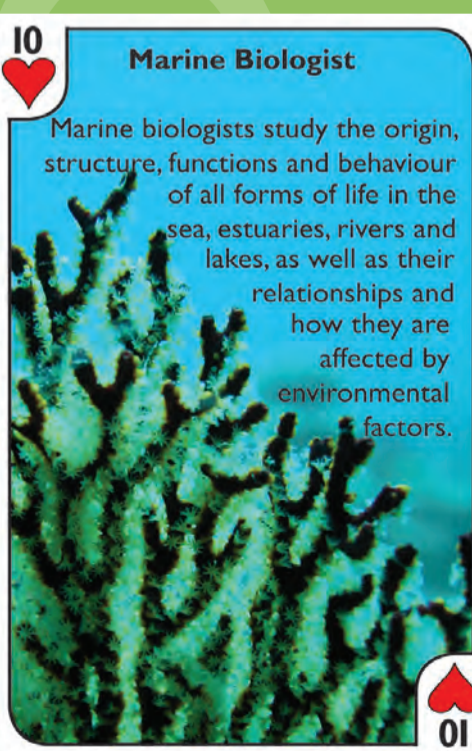



They also advise on the extraction of minerals, as well as on environmental protection, the rehabilitation of land after mining and on civil engineering projects.


9 

10 
Marine Biologist

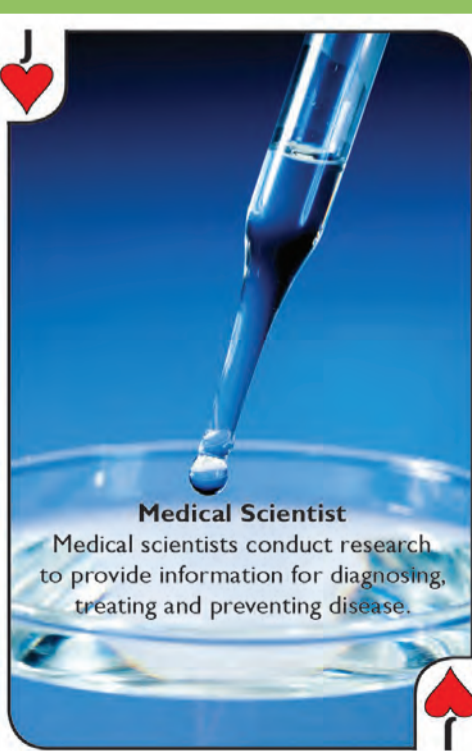
Marine biologists study the origin, structure, functions and behaviour of all forms of life in the sea, estuaries, rivers and lakes, as well as their relationships and how they are affected by environmental factors.




10 

J 
Medical Scientist

Medical scientists conduct research to provide information for diagnosing, treating and preventing disease.



J 

Q 
Physicist

Physicists study the behaviour of the physical world to apply new knowledge in areas of science and technology.


Theoretical physicists develop theories or models of how particular aspects of the world works.

Experimental physicists test these theories, determining their limits and suggesting new approaches to them

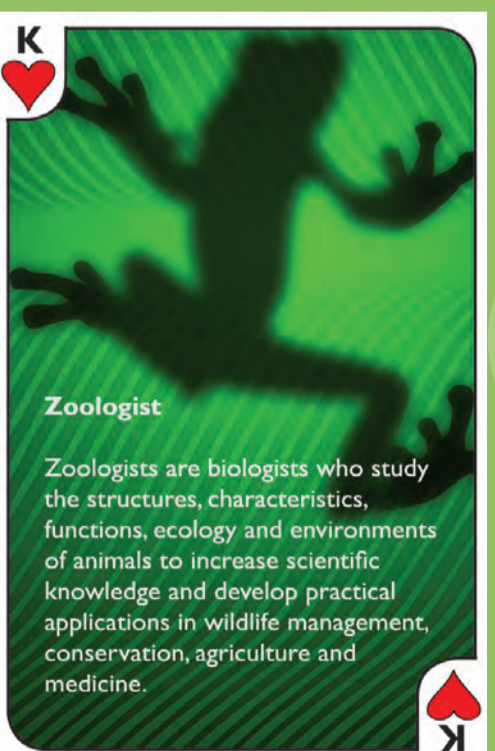
Applied physicists apply these findings in practical settings, such as within industry and through the introduction of new technology.



Q 

K 
Zoologist

Zoologists are biologists who study the structures, characteristics, functions, ecology and environments of animals to increase scientific knowledge and develop practical applications in wildlife management, conservation, agriculture and medicine.



K 