

# Research report: Science careers

Student name: \_\_\_\_\_

Advisory: \_\_\_\_\_

Grade: A B C D

## Year 8 Science achievement standard

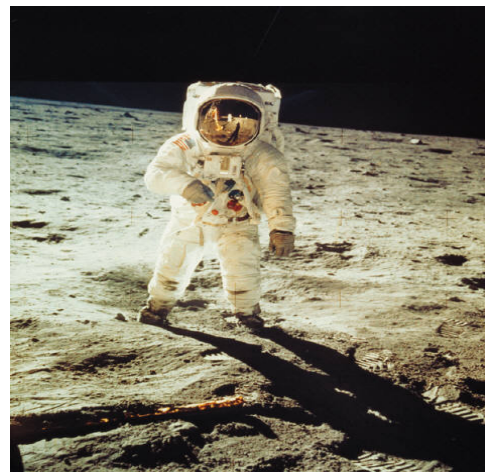
*By the end of Year 8, students research the different science knowledge used in occupations. They describe situations in which scientists collaborated to generate solutions to contemporary problems.*

*They use appropriate language and representations to communicate science ideas, methods and findings in a range of text types.*

## Summary of task

*Students investigate a range of science careers, prominent scientists and contemporary research related to each area of study.*

*For this task, students are asked to reflect on their science learning and identify a potential science career they would be interested in pursuing. They are asked to research the occupation and to identify its contributions to solving contemporary problems, including providing specific information on an 'inspirational' scientist's work.*



# Research report: Science careers

Name: \_\_\_\_\_ Advisory: \_\_\_\_\_ Grade: \_\_\_\_\_

My Science Career: \_\_\_\_\_

Description of my chosen career:

Science knowledge I need:

Scientists in my area have solved these problems:

One inspiring scientist in the field and the ways they worked with others to solve an important problem:

8 AIL - Career Research Project Rubric

SCORE	4	3	2	1
Definition and description of your chosen career	Detailed description of the chosen career. Information on job and why was it chosen.	Some description of the chosen career. Information on job and why was it chosen.	Little description of the chosen career. Information on job and why was it chosen.	No description of the chosen career. Information on job and why was it chosen.
Science knowledge I need. Type and Amount of education needed Where will you get the education? How long will it take?	Detailed description of the educational requirements. It provides information on any degrees, certificates, licenses, or other special requirements. It also provides the estimated time required to complete requirements.	Some description of the educational requirements. It provides some information on any degrees, certificates, licenses, or other special requirements. It also provides the estimated time required to complete requirements.	Little description of the educational requirements. It provides little information on any degrees, certificates, licenses, or other special requirements. It also provides the estimated time required to complete requirements.	No description of the educational requirements. It provides no information on any degrees, certificates, licenses, or other special requirements. It also provides the estimated time required to complete requirements.
Scientists and a brief description of each.	3 Scientists in my area that have solved present problems	2 Scientists in my area that have solved present problems	1 Scientists in my area that have solved present problems	No information provided. Score - 0
One inspiring scientist in the chosen field and the ways he /she solved an important problem	Detailed description of an inspiring scientist in the chosen field and the ways he /she solved an important problem.	Some description of an inspiring scientist in the chosen field and the ways he /she solved an important problem.	Little description of an inspiring scientist in the chosen field and the ways he /she solved an important problem.	No description of an inspiring scientist in the chosen field and the ways he /she solved an important problem.

Total Score:        /16