

# THERE'S **MORE** TO IT THAN YOU THINK.



Government  
of South Australia

## CAREER WORKSHEET 6

## MATHS AND SCIENCE

If you have done any career profiles and/or career tests you will start to see what your natural gifts and talents are, where your interests lie and where your skills are developing.

**Maths and science are being promoted in this campaign** because they can open up doorways into good paying, satisfying jobs in South Australia. Jobs such as VET skilled trades (technicians) and university pathways such as engineering tend to have a requirement of knowing maths and science.

Do you have an interest in maths or science or both? Why or why not?

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Why do you think some students find those subjects hard?

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Go to [www.theresmoretoit.com.au](http://www.theresmoretoit.com.au) and watch Emilio De Stefano's video on the "*Amazing Career Journeys*" home page. Do you believe that people who struggle with those subjects can overcome their learning challenges and start to like maths and science? Why or why not?

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Now watch Kate Selway's video on the "*Amazing Career Journeys*" home page.

What were Kate's favourite subjects at school?

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What kind of work does Kate do now?

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What does Kate say are the best things about her work?

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Knowing that Kate is both artistic and scientific, do you think she chose the right pathway? Why or why not?

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Go to “*Amazing Career Journeys*” and watch the video of Demien Carey Gibbons.

What did Demien do after he left high school?

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What has he ended up doing as a career now?

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How does his work blend in maths, science and artistic work all together?

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Consider the following job descriptions and list two career pathways that could be connected to that job area:

Scientific/Analytical \_\_\_\_\_  
Practical/Mechanical \_\_\_\_\_  
Creative/Artistic \_\_\_\_\_  
Persuading/Influencing \_\_\_\_\_  
Helping/Advising \_\_\_\_\_  
Outdoor/Recreation \_\_\_\_\_  
Organising/Clerical \_\_\_\_\_

Students may find some science career pathways confusing. Some of the terms used aren't that familiar. For example, do you know what biotechnology, nanotechnology and environmental science mean? **Do a search on the internet and write up your understanding of definitions of:**

**Biotechnology** \_\_\_\_\_

**Nanotechnology** \_\_\_\_\_

**Environmental Science** \_\_\_\_\_

If you worked in these fields, what kind of job title might you have or what work would you do? \_\_\_\_\_

**At “*Amazing Career Journeys*”, watch Gina Chuang’s video.** How do you think maths and science helped in the creative development of a Harry Potter film?

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**If you could choose your own science adventure what would it be?**

Discovering a cure for cancer? \_\_\_\_ Discovering life on another planet? \_\_\_\_

*What would you like to do?*

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