

Welcome to Future You



Future You is a free program that gets kids aged 8 to 12 interested in STEM (Science, Technology, Engineering and Mathematics) subjects and careers.

Future You addresses stereotypes, misconceptions and biases about science, technology, engineering and mathematics (STEM). It's designed to increase participation in STEM by inspiring children aged 8 to 12 to explore STEM themes.

What do we offer?

- Free classroom resources aligned with the Australian Curriculum V9.0.
- Five STEM-fiction stories to excite imaginations and inspire exploration.
- First-hand accounts from people using their STEM skills to make the world a better place.
- Information and practical tools for parents and kids about STEM skills and careers.

Here are two sets of resources we think you'll love using in your classroom:

Pathfinders

Introduce your students to interesting people working with STEM skills to make the world a better place. We know how important role models are for inspiring young people's career choices, and you can't be what you can't see, which is why we have interviewed fascinating people who come from various backgrounds to ensure every child can see themselves working in STEM.

Imagining the Future

Take your class on an incredible journey into the world of space exploration with Imagining the Future. Set in the vastness of space, these five stories delve into different sectors of STEM, offering a captivating exploration of robotics, AI, climate change, resource management and more. These stories will inspire your students to envision their own STEM space careers.

Classroom activities

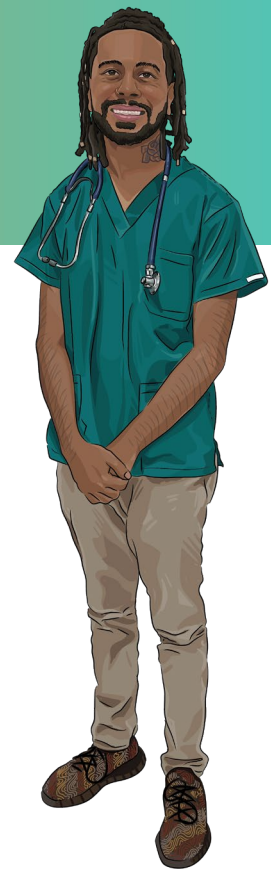
We've developed practical activities you can use in your lessons to make learning experiences socially relevant. Did we mention they're aligned to the Australian Curriculum V9.0?

See you in the future

We have developed a wide range of free resources to support teachers, parents and kids to discover the amazing world of STEM. Discover them all at www.futureyouaustralia.com.au

FUTUREyou

What's in this pack



This pack includes activities that are all related to Stuart's film. Each Pathfinder has its own Teacher's Pack. You can find them on their individual pages or on the resources page under the Pathfinders or Teach tabs.

Our Imagining the Future short-fiction series also includes fantastic resources you can use in the classroom. The Bloom's Taxonomy and Gardner's Multiple Intelligences activity matrix includes a wide range of activities for your lesson plans that cover multiple areas and year levels in the Australian Curriculum V9.0.

Capability Convos

A short starter activity that can be adapted to other uses to get students thinking about the General Capabilities statements in the National Curriculum V9.0.

Comprehension questions

Watch Stuart's Pathfinder film as a class or individually, and then your students can practise their comprehension skills by answering these questions (answers included).

Career information sheet – for adults

This document provides practical advice for adults who are looking for ways to support students in understanding the different pathways they can take into specific career roles. This information sheet can also be passed on to parents if a student demonstrates an interest in a particular career area.

Classroom wall poster

An attractive poster that can be printed out and placed on a wall to highlight some of the skills required in Stuart's career so students can see themselves reflected in those skills.

Student skills brain break

Students can undertake this activity for mindfulness while thinking about their own skills and talents.

Word-search answers

The students pack includes a word search with words relevant to Stuart's career. Find the answers here.

Capability Convos

Australian Curriculum V9.0 links for Years 3 to 7

English

- Language
- Literacy

General Capabilities:

- Critical and Creative Thinking
- Personal and Social Capability
- Ethical Understanding
- Literacy

Learning outcomes:

All students will be able to:

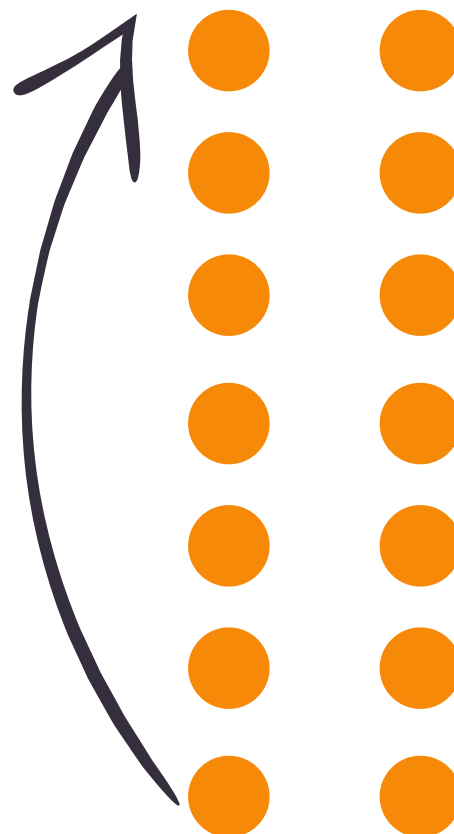
- identify some likes, dislikes, strengths, abilities and/or interests when showing a personal preference
- acknowledge that people have different needs, emotions and abilities

In addition, some students will be able to:

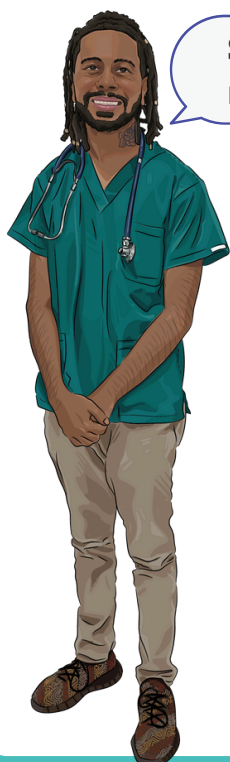
- describe the ways they are connected and can contribute to their community groups

Format

- Interactive game with 10 questions
- Easy to play
- Watch Stuart's film with the class
- Print the questions
- Play the game
- Modify or include new questions based on students' needs



Scan this QR code to watch my film.



Instructions for students

Line the class up in two lines facing each other to form pairs. Ask the first question. Once each pair has discussed it, get one line to move one person to their right. The person at the end runs around to the other end of the line. Then you ask the next question and repeat the process until all the questions have been asked.

Stuart

Registered nurse

Question 1

What do you think is interesting about Stuart's career?

Question 6

How do you think Stuart's career contributes to society?

Question 2

What skills does Stuart have that you also have, and does he have any skills you don't have that you would like to have?

Question 7

Why is this career important in a rural or remote location?

Question 3

How might technology change this career in the future?

Question 8

What kind of tools or technologies do you think Stuart uses in his work?

Question 4

Why do you think it's important to find a career that matches your personality?

Question 9

When would teamwork be important in Stuart's line of work? Can you think of an example of when you use teamwork?

Question 5

How are your current interests and hobbies similar to Stuart's career?

Question 10

Why do you think cultural safety is important to positive healthcare outcomes?

Comprehension Questions

Australian Curriculum V9.0 links for Years 3 to 7

English
• Literacy

General Capabilities:
• Literacy

Learning outcomes:

All students will be able to:

- Identify that all people have strengths and weaknesses
- Actively think about what is happening in various texts as they read them
- Apply comprehension strategies to different media formats

In addition, some students will be able to:

- Identify different reasons for doing different jobs

Instructions:

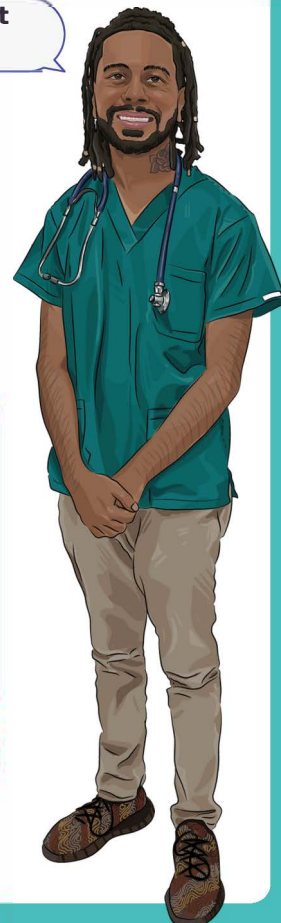
- Format/print the students' question sheets (or load them onto school LMS) and direct students to a copy.
- Read the questions as a class to start, discussing any meanings
- Discuss with the class strategies for being able to answer the questions as they learn about Stuart.
- Watch Stuart's film as a class, encouraging students to answer questions as you go

Adaptation note: Questions can be modified on the PDF to meet students' needs or learning focus areas in your classroom

Comprehension questions

1. Name two things Stuart is good at.
2. And two things Stuart can't do.
3. Why did Stuart want to become a nurse?
4. What kind of pet does Stuart have?
5. What does Stuart love most about being a nurse?
6. What did Stuart have to do to succeed in his studies in the Western World?
7. Why does Stuart believe more Yolgnu people should go into healthcare?
8. What advice does Stuart have for anyone thinking about a career in nursing?
9. Where does Stuart want to be in 10 years?
10. What would you like to ask Stuart?

Scan this QR code to visit my page



Comprehension Questions

Name two things Stuart is good at.

1.

2.

What does Stuart love most about being a nurse?

Name two things Stuart can't do.

1.

2.

What did Stuart have to do to succeed in his studies in the western world?

Why did Stuart want to become a nurse?

Why does Stuart say more Yolgnu people need to go into nursing?

What kind of pet does Stuart have?

Where does Stuart want to be in 10 years?

What advice does Stuart have for anyone thinking about a career in nursing?

Registered Nurse

Stuart is a nurse who helps people stay healthy in a remote community in the Northern Territory. He communicates medical language in Yolŋu Matha — the native language of his people.

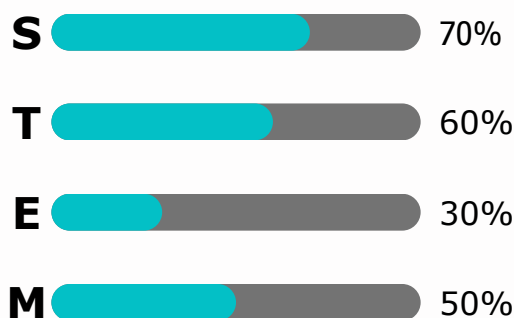
futureyouaustralia.com.au/pathfinders/stuart



“My inspiration came from the poor health outcomes that I saw growing up. ”

STEM Meter

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



Source: jobsandskills.gov.au

Job stats and facts

Location: 28% of registered nurses live outside capital cities.

Employment pathways:

A bachelor degree in a relevant field or a vocational education and training (VET) qualification.

3 STEM skills required for this job	Subjects to develop these skills	3 other jobs that value this skill
Research	Science, HASS	Market Analyst, Journalist, UX Researcher
Data management	Science, Mathematics	Events Planner, Principal, Site Manager
Problem-solving	Design and Technologies, Digital Technology	Detective, Mechanic, Software Developer

Other careers related to this line of work



Leadership

Public Health Policy Advisor
Director of Nursing
Clinical Nurse Educator
Health Policy Analyst
Public Health Administrator



Agriculture

Nutritionist
Environmental Health Officer
Veterinary Nurse
Health and Safety Inspector
Environmental Protection Officer



Animals

Support Animal Trainer
Zookeeper
Wildlife Conservation Officer
Wildlife Rehabilitator
Veterinarian



Technology

Medical Device Specialist
Audiologist
Biomedical Engineer
Clinical Systems Analyst
AI Healthcare Specialist



Conservation

Entomologist
Marine Biologist
Park Ranger
Habitat Officer
Water Quality Specialist



Safety

Firefighter
Occupational Health Nurse
Epidemiologist
WHS Officer
Paramedic

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!).

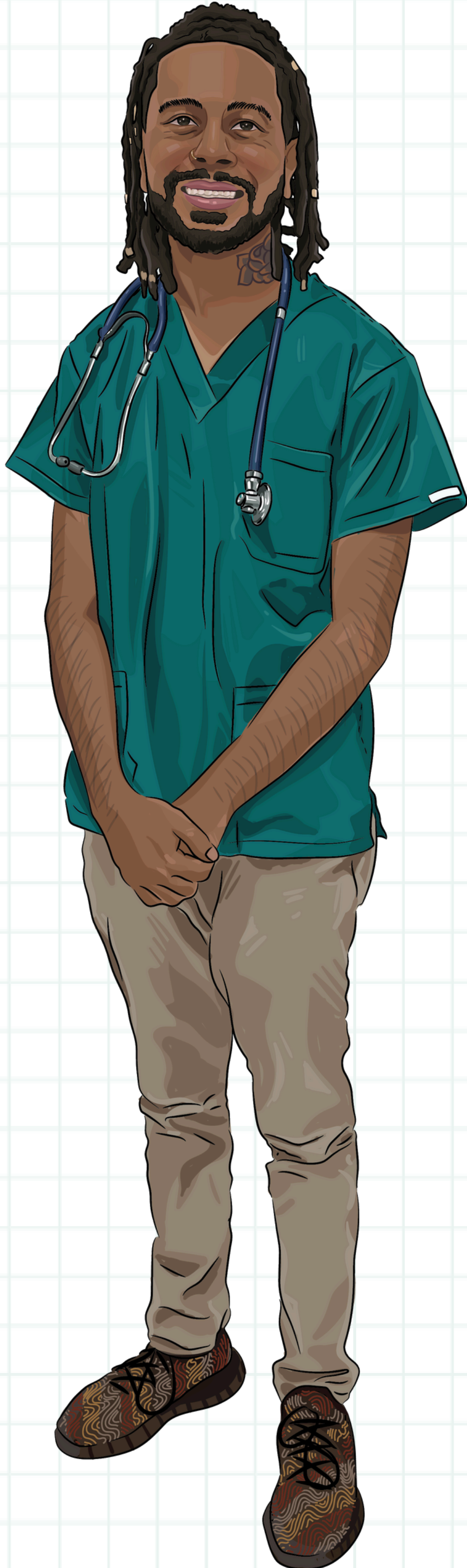
From traditional vocations to emerging fields, there are countless pathways to be explored.

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

Stuart is a Healer



NOT GOOD AT

swimming or dancing

LOVES

giving patients empowerment through education

CAREER

registered nurse in Ramingining in the Northern Territory

STUDIED

Bachelor of Nursing at Charles Darwin University

EXPERT ON

translating bio-medical knowledge into Yolgnu Matha, the language of the Yolgnu people of northeast Arnhem Land.

GOAL

to create change within Australia's health system

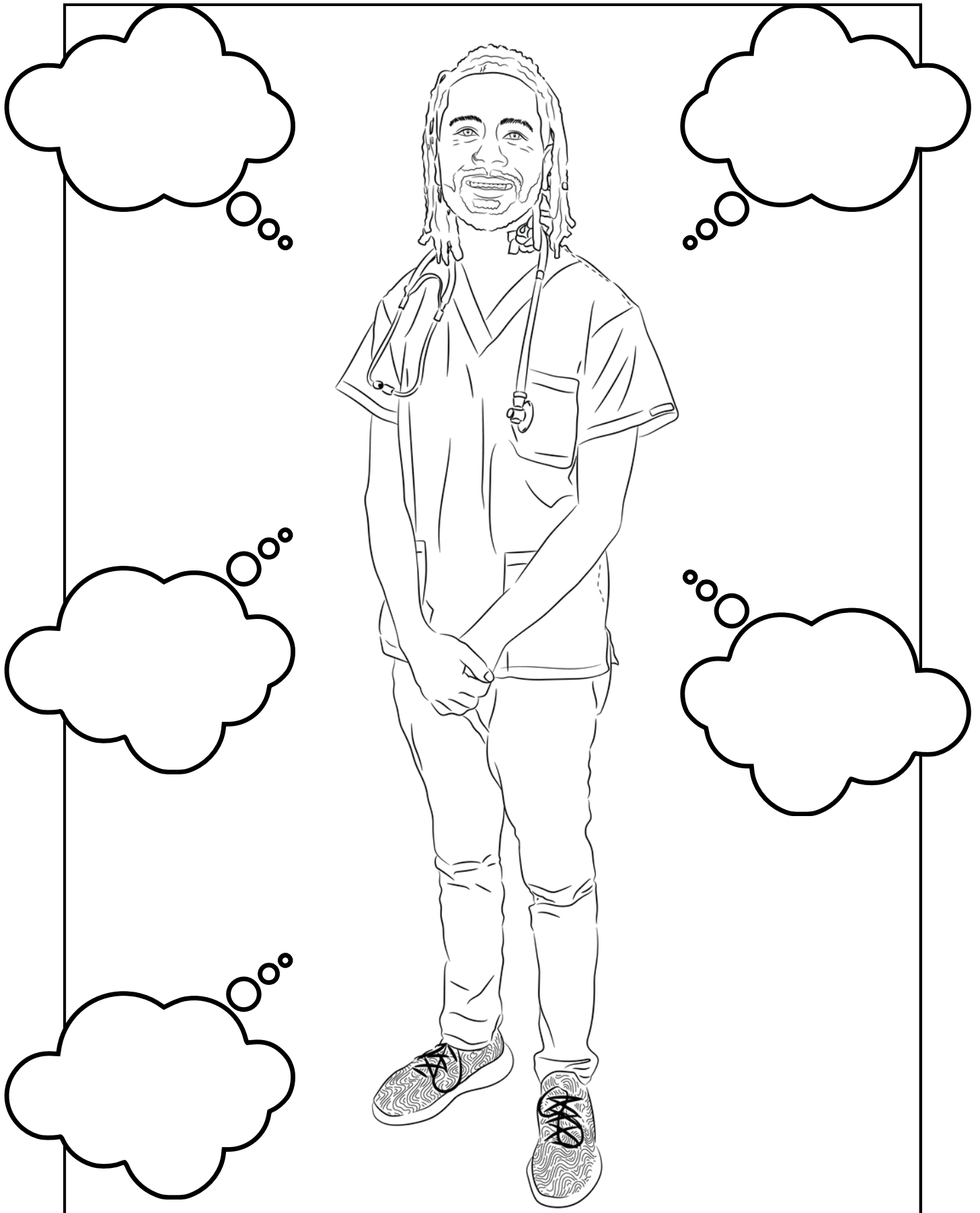
GOOD AT

making a fire, and making a spear

GETS TO

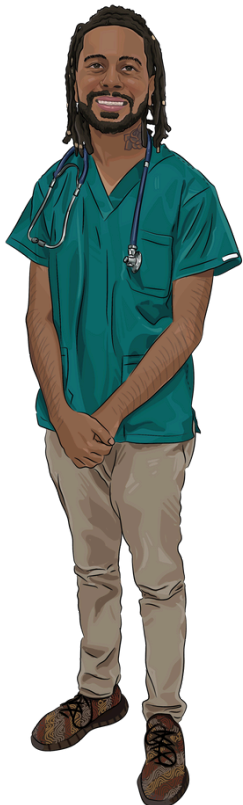
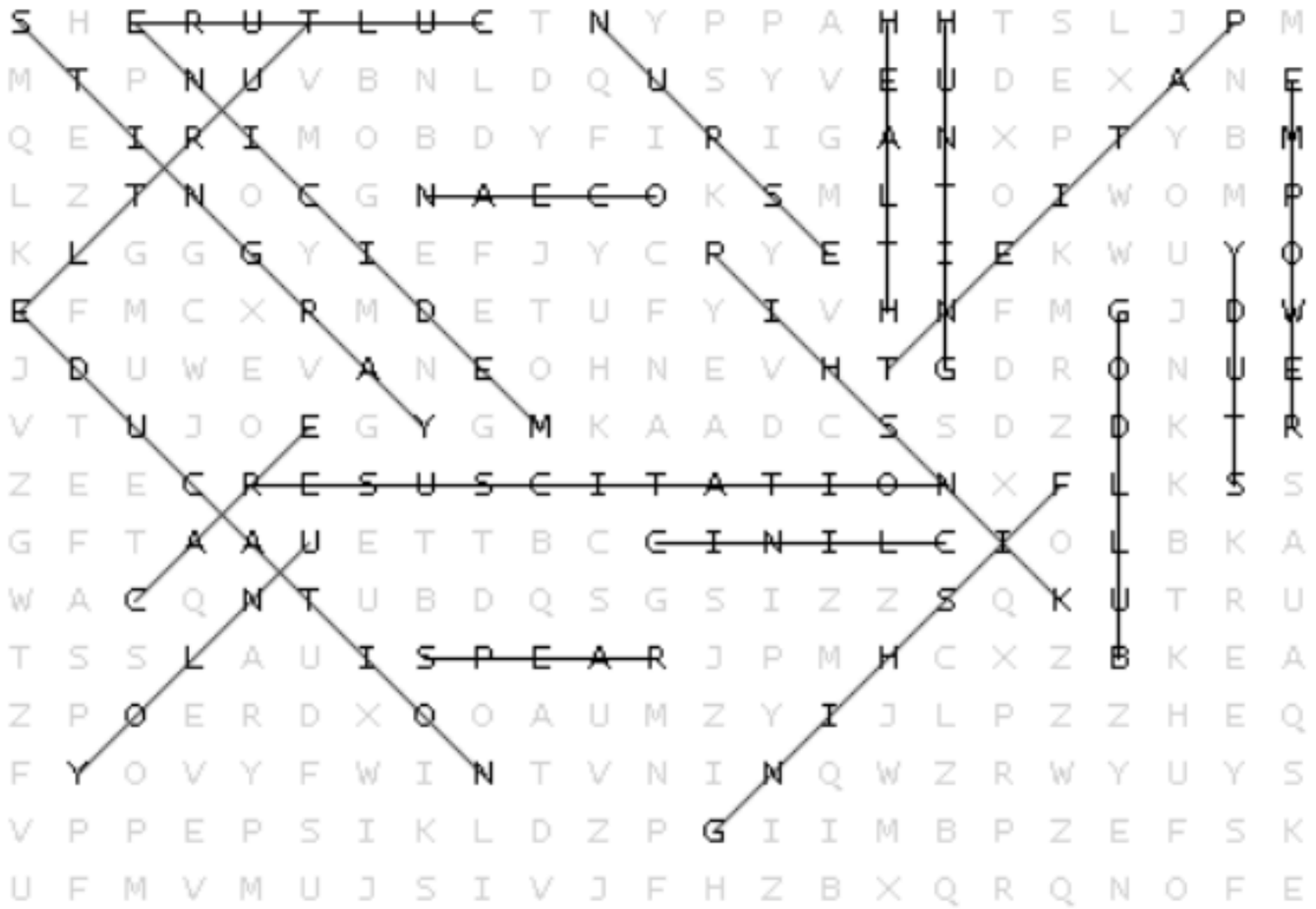
improve health outcomes for the Yolgnu people.

Meet Stuart. He's a registered nurse working in a health clinic in his local community. Fill in the bubbles with 5 STEM (Science, Technology, Engineering and Mathematics) skills he uses in his job. Which of these skills do you think is most important? Which do you think would be the hardest to develop? When you've thought of the skills, colour in the rest of the image.



Pathfinder Workwords

Answers



Let's reflect

Were any of these words new to you? Look them up and find out what they mean.

Which of these skills do you think you are best at, or would like to get better at?

1. _____

2. _____

3. _____

Can you think of anything else Stuart might need to do his job?
