



STEM PERSON
OF THE
WEEK

James Hutton

Geologist (1726-1797)

James was a doctor and a farmer but he is famous for his work in geology. He was **hard-working**, learning many disciplines, and going to university three times. He was **observant** and noticed that rocks near Eyemouth could not have been formed in the order they appeared. James was **logical**; once he had worked out that the layers in rocks were in the "wrong" order, he worked out a reason to explain this fully.

Hard-working

Observant

Logical

James Hutton

Geologist (1726-1797)

Like James, I am...



Hard-working

I put all of my effort into finishing things.



Observant

I am quick to see things and are you good at paying attention.



Logical

I can solve problems by thinking through them in a sensible order.



STEM PERSON
OF THE
WEEK

Mary Somerville

Mathematician (1780-1872)

Mary, born in Jedburgh, was an astronomer, campaigner, writer and mathematician. She was **open-minded**: she explored new scientific ideas and campaigned for women's rights. She was **self-motivated** as she taught herself Latin. Mary was a good **communicator**: she wrote several important books and predicted the discovery of the planet Neptune.

Open-minded

Self-motivated

Communicator

Mary Somerville

Mathematician (1780-1872)

Like Mary, I am...



Open-minded

I am willing to listen to new ideas and respect other people's views and opinions.



Self-motivated

I like to do things for myself without being told how to do them.



Communicator

I am good at sharing information and ideas with other people.



STEM PERSON
OF THE
WEEK

Margaret Dickinson

Botanist (1821-1918)

Margaret, who lived in Norham, was a botanist. She recorded the range of wild plants which grow near us in this area. She was **creative**, and used her watercolour painting skills in her scientific work. She had to be **patient** as to record all the species she did took her 30 years. Margaret was highly **committed** to recording botany: she travelled widely to do this at a time when women didn't tend to.

Creative

Patient

Committed

STEM PERSON
OF THE
WEEK

Margaret Dickinson

Botanist (1821-1918)

Like Margaret, I am...



Creative

I can make new things and have original ideas.



Patient

I am able to stay calm when faced with problems.



Committed

I can stick with a project until the end.



STEM PERSON
OF THE
WEEK

Cpt. Samuel Brown Engineer (1776-1852)

Sam Brown, who lived in Eyemouth, was an inventor and bridge engineer. He designed and managed the building of the Union Chain Bridge. He was **imaginative**, inventing lots of things and proving to the Royal Navy that iron rigging chains were better than hemp ones. He was **resilient** and bounced back well after his railway bridge in 1832 was not successful. Sam enjoyed being **collaborative** with people he respected and admired, such as John Rennie.

Imaginative

Resilient

Collaborative



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STEM PERSON
OF THE
WEEK

Cpt. Samuel Brown

Engineer (1776-1852)

Like Samuel, I am...



Imaginative

I can think of new and interesting ideas.



Resilient

I can quickly recover from difficult or challenging things.



Collaborative

I can work successfully with others to do things.



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STEM PERSON
OF THE
WEEK

John Rennie Snr.

Stone Mason (1761-1821)

John Rennie, from East Lothian, was an expert stone mason who designed bridges, canals, docks and lighthouses. He was **passionate**: he often truanted school to go to work in an engineering workshop instead! He was **organised**: some of his projects were on an immense scale. John had to be **curious** to investigate new engineering solutions to problems.

Passionate

Organised

Curious



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John Rennie Snr.

Stone Mason (1761-1821)

Like John, I am...



Passionate

I have strong feelings about things that interest me.



Organised

I can plan and prepare for the future.



Curious

I want to learn new things.

