

SENSATIONAL SCIENTIST MAE JEMISON ANSWERS

Q1. How do you think the article shows us that we don't have to limit our dreams?

A1. Mae Jemison shows us that we don't have to limit our dreams as she has become an engineer, doctor, astronaut, dancer and a scientist.

Q2. Mae thought about becoming a professional dancer but she decided to do something else instead, what was this?

A2. Mae decided to study medicine.

Q3. After reading the text, find evidence to back up these statements.

A3.	Statement	Any of the following evidence.
	Mae says you can do what you want to do in life, you choose the path you want.	Don't let anyone rob you of your imagination, your creativity, or your curiosity. It's your place in the world; it's your life. Go on and do all you can with it, and make it the life you want to live.
	Mae didn't let one thing get in the way of another thing.	She began by studying chemical engineering at university. She didn't give up her other passions, she kept on dancing and got a degree in African American studies too.
	When NASA were looking for people, she continued to work hard for it.	She went back to college to make sure her engineering skills were up to scratch.

Q4. Find the missing letters from words in the text.

A4. cosmology
universe
astronaut
experiments

Q5. Put crosses next to the things that Mae also spends a lot of time doing.

- A5.**
- ☒ Designing solar electricity systems for developing countries.
 - ☐ Playing sport.
 - ☐ Designing buildings for Mars expeditions.
 - ☒ Teaching, and encouraging young people to become scientists, no matter what their background.

Q6. Match the box on the left to the information on the right. Use the text to help you.

A6.

Mae spent a long time in space doing this.	Understand and fix problems with the human body.
'Reach for the stars.' Mae doesn't want anyone to be left out.	Mae is leading a project to develop the science and engineering needed to travel to a different solar system.
Mae saw that NASA were looking for people to train as astronauts.	Mae was carrying out bioengineering experiments.
Mae wanted to study bioengineering – using engineering skills to...	She went back to college to make sure her engineering skills were up to scratch.

Q7. Mae says; "The really wonderful thing that happened to me when I was in space was this feeling of belonging to the entire universe." In your own words what do you think she means?

- A7.** She means that going into space made her see the Earth as just one part of the whole universe and so she felt part of something bigger than just the Earth. (Answers are subjective but need to refer to being part of a wider universe.)