Ask a scientist worksheet

2.9 Rocks are studied by geologists

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Dr Jo Whittaker – geologist

1 What does Jo study and where does she work?

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2 The steps below describe the changes that occurred over millions of years as Gondwana changed and the continents formed. Number these steps in the correct order.

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| --- | --- |
| Step | Description of change |
|  | India begins to move away |
|  | Himalayas are created |
|  | India, Australia and Antarctica all form Gondwanaland |
|  | The Indian Ocean forms |

3 What data does the ship collect on its month-long voyages?

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4 What can the data collected by the ship tell us about the environment millions of years ago?

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5 How could the lessons of 35 million years ago help modern scientists understand climate change better?

6 Name two reasons why Jo enjoys her role as a geophysicist.