



EXPLORATION WORKSHEET “JOURNEY”

7th/8th GRADE

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Name: Meeting point:

Go on an exploration tour along the 8th longitude and get to know the Earth’s different climate zones. Have a good journey!

ISENTHAL, SWITZERLAND

Which climate zone are you in now? Describe the landscape there.

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- 1.) What happens when glaciers melt?
- 2.) Why are glaciers important for the Earth?

SENEGHE, SARDINIA

Which climate zone are you in now? Describe the landscape there.

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- 1.) Explain the term “butterfly effect”.
- 2.) Find the cork oak tree: What impacts does the aridity have on the lives of the people on Sardinia?

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KANAK, NIGER

Which climate zone are you in now? Describe the landscape there.

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- 1.) Describe the changes the Sahara has gone through between 135 m years ago and today.
- 2.) Go up the stairs and describe the Tuaregs' life. How does the climate in the desert affect their lives?

IKENGE, CAMEROON

Which climate zone are you in now? Describe the landscape there.

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- 1.) What makes the tropical rainforest so unique?
- 2.) What risks does its deforestation pose?

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QUEEN MAUD LAND, ANTARCTICA

Which climate zone are you in now? Describe the landscape there.

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1.) Describe the changes in the Antarctic ice sheet.

SATITOA, SAMOA

Which climate zone are you in now? Describe the landscape there.

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1.) How do cyclones and earthquakes endanger life on Samoa?

2.) What does climate change have to do with that?

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GAMBELL, ALASKA

Which climate zone are you in now? Describe the landscape there.

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- 1.) Why are polar bears affected severely by climate change?
- 2.) Have a look at the changes in the Arctic sea ice and describe the impacts.

LANGENESS, GERMANY

Which climate zone are you in now? Describe the landscape there.

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- 1.) Describe the term "dwelling mound".
- 2.) Why is building dwelling mounds so important for the people on Langeneß?