

Using Models to understand Earth History

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Select Display Options

- Turn of cloud
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Task 1: Wet or Dry, North or South

1. Set the location to Wisconsin
2. For each time period, indicate if Wisconsin was above or below sea-level.
3. Indicate if Wisconsin was in the Northern Hemisphere or Southern Hemisphere at that time

MYBP millions of year before present	Above Sea Level or Below Sea Level	Northern Hemisphere, on the equator, or Southern Hemisphere
600	Above Sea Level	Southern Hemisphere
500	Below Sea Level	Southern Hemisphere
400	Below Sea Level	Southern Hemisphere
300	Above Sea Level	On the equator
200	Above Sea Level	Northern Hemisphere
105	Above Sea Level	Northern Hemisphere
0	Above Sea Level	Northern Hemisphere

Task 2: We're going to Disney World!

Set the location to Orlando, Florida

If you could travel back in time, when might it be too cold to enjoy a trip to Florida?

450 MYBP

What evidence can you cite to support your idea?

Florida is near the South Pole at this time

Task 3: The Birth of the Mid-Atlantic Ridge

1. Set the time to 170 MYBP
2. Set the location to Rio De Janeiro, Brazil and Namibe, Angola
3. Zoom in on these two cities
4. Step forward in time from 170 MYBP to Present

Describe what changes you see happening between these two cities

The two cities are moving apart

What major geologic feature is at this location today?

The Mid-Atlantic Ridge

Task 4: Tell Wisconsin's History

The Earth Globe model demonstrates that Wisconsin has experienced many different climates in our geologic past. Identify at least three climates, describe what Wisconsin would have been like at that time, and cite evidence to support your claims.