

A map of the United States is shown, with a red box overlaid in the center containing the text "What is absolute location?". The map features a network of blue lines representing rivers and various colored dots (red, blue, green, yellow) marking specific locations. A white circular object with a yellow and brown pattern is partially visible in the upper left, and a black rectangular object is in the lower left. State abbreviations like "AR", "MO", "IA", and "IL" are visible on the map.

What is absolute location?

Springfield

IL

Des Moines

IA

Chicago

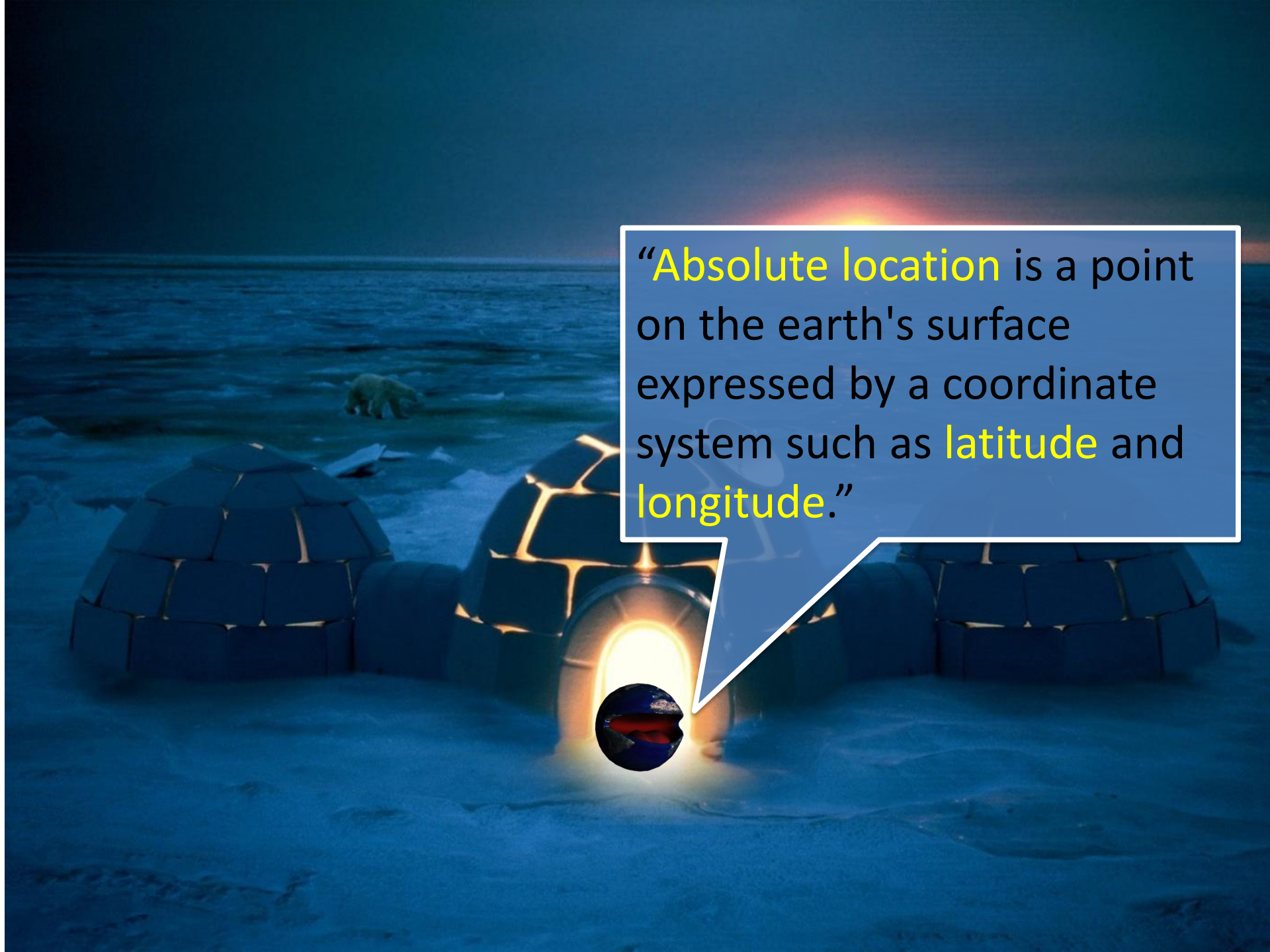
Madison

St. Paul

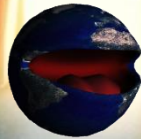
MO

Jefferson City

AR

A snowy landscape at dusk or dawn. In the foreground, there are three igloos made of ice blocks. The central igloo has a glowing entrance. A polar bear is visible in the middle ground, walking across the snow. The sky is dark blue with a hint of orange light on the horizon.

“**Absolute location** is a point on the earth's surface expressed by a coordinate system such as **latitude** and **longitude**.”



A photograph of St. Paul's Cathedral in London, featuring its iconic dome and classical porticoes. A red rectangular box with a white border is superimposed over the center of the image, containing the text "What is longitude?".

What is longitude?

“Longitude is the numbering system that enumerates meridians, arcs that are drawn between the north and south pole.”



CROSSES
HERE

AT THIS POINT YOU ARE $\frac{1}{4}$ OF
THE WAY AROUND THE WORLD
FROM GREENWICH, ENGLAND



Longitude



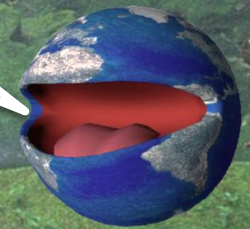
0° Longitude runs through Greenwich, England and is known as the Prime Meridian

EQUATOR

What is latitude?



“**Latitude** is the numbering system that enumerates **parallels**, circles drawn around the globe parallel to the equator and at right angles to the meridians.”



Latitude



0° Latitude is the equator.

90° north latitude is the north pole.

90° south latitude is the south pole.