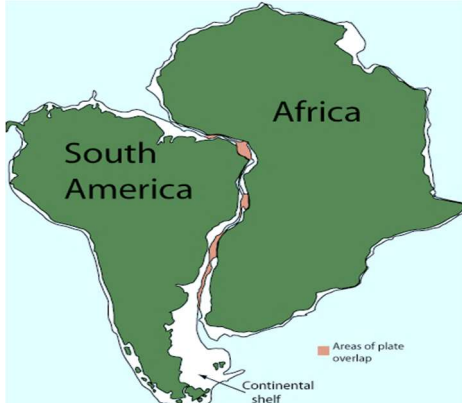

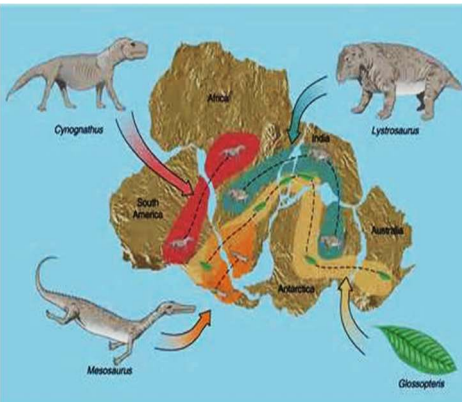
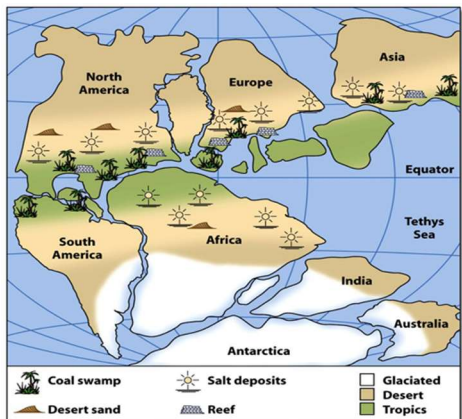


Alfred Wegener's Evidence of Continental Drift

Card Game Instructions: Cut the squares and have the students match the title with the picture and the information.

<p style="text-align: center;">Shaped of Continents</p>		<p>The shape of some continents can fit like <u>puzzle</u> pieces. This indicates that these continents were once connected</p>
<p style="text-align: center;">Geological Features: Mountain Ranges</p>		<p>The similarity in land features and mineral content across different continents shows that these areas were previously connected during Pangaea. The <u>Appalachian Mountains</u> (in America and Africa), and the <u>Caledonian Mountains</u> in Scandinavia (Greenland, the British Isles Scotland, and Norway) are an example of this evidence</p>
<p style="text-align: center;">Fossil evidence</p>		<p>Evidence of different prehistoric organisms like Mesosaurus, Cynognathus, Lytrosaurus, and Glossopteris were recently found in different continents, showing that the land was connected before as these organisms couldn't possible swim across continents</p>
<p style="text-align: center;">Climatic and Mineral Evidence</p>		<p>Evidence of coal deposits are found today in the arctic areas of the planet. Coal is made of organic-plant material and is formed in tropical areas of the planet. During the Pangea era, these warm areas were close to the Equator, but today they are found in colder regions</p>

<p>Glacial Movement</p>		<p>Scientists have found evidence of glacial movements in desert areas close to the equator. They consist of huge rocks on the floor with scraped marks revealing areas where large moving glacial mountains once existed. Obviously, these areas were once located in the polar regions, where glacial mountains are found.</p>
<p>Alfred Wegener</p>		<p>An astronomer that worked as a Meteorologist. He was born in Berlin, in 1880 and is responsible for the Theory of Continental Drift. He hypothesized that Pangaea (a supercontinent) existed from 200 to 300 million years ago. The scientific community never accepted his work because he could not explain the reason why the continents move.</p>
<p>Pangaea</p>		<p>A supercontinent that existed about 200 to 300 million years ago, when all the continents were connected into a single landmass.</p>