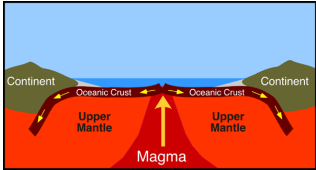
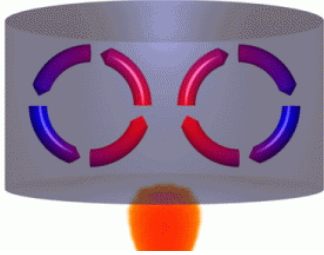
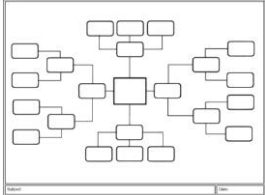

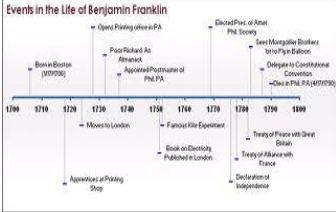






Tic-Tac-Toe Project Guide

You are responsible for completing three activities from the following choices. Your three activities must follow the rules of tic-tac-toe.

<p>Create a model illustrating Sea-floor Spreading. Be sure to include the “how” and “why” of Sea-floor Spreading. Don’t forget to label & explain your model.</p> 	<p>Create a presentation showcasing convection currents. Be sure to include an example of convection currents from real life.</p> 	<p>Create a concept map explaining the evidence to support Continental Drift. Be sure to include at least 3 levels of detail. 3 pictures.</p> 
<p>Create a Newspaper/MAIN STORY highlighting the major facts/evidence regarding Alfred Wegener’s great discovery of Continental Drift.</p> 	<p>Create a historical timeline showcasing the major events that lead up to the formation of the theory, Plate Tectonics. Include dates, event, and a 5-6 sentence paragraph for each event. Must include 4 events.</p> 	<p>Choose 3 geological features and explain how each feature formed, where it is located, when did it form, and how was the formation related to Plate Tectonics.</p> 
<p>Create a photo collage of at least 6 pictures portraying the Theory of Plate Tectonics. Include at least 6 images/diagrams/pictures and explain each picture in a 5-6 sentence paragraph.</p> 	<p>Create a song or rap to explain Continental Drift and evidence that supports it.</p> 	<p>Write a 1 page paper (typed) about a person who contributed to the theory of Plate Tectonics (Alfred Wegener, Harry Hess, etc.)</p> 

HELPFUL WEBSITES:

- [HTTP://WWW.KIDSGEO.COM/GEOLOGY-FOR-KIDS/0037-THE-EARTH-EARTH-INSIDE-OUT.PHP](http://www.kidsgeo.com/geology-for-kids/0037-the-earth-earth-inside-out.php)
- http://sdpb.pbslearningmedia.org/resource/ess05.sci.ess.earthsys.lp_platetectonics/plate-tectonics/

HELPFUL HINTS/REQUIREMENTS:

Diagram/Model illustrating Sea-floor Spreading

- Thoroughly illustrates the How, Why, Where, What, and When of Sea-floor Spreading.
- Diagram/model is labeled to fully explain the mechanics of Sea-floor Spreading.
- Diagram/model is colorful.
- Diagram may be drawn on paper, the computer, or a 3-D model may be construction using everyday materials.

Convection Current Presentation

- Thoroughly explains the concept of Convection Currents.
- Thoroughly explains a real-life example of Convection Currents and how it works.
- Presentation is colorful, neat, and informative.
- Presentation is 3-5 minutes in duration. May include (but not limited to) Powerpoint Presentation, Brochure, Poster, Demonstration.

Concept Map

- Evidence for Continental Drift is thoroughly explained and outlined on the concept map.
- Map may be done using art supplies or using the computer.
 - <http://popplet.com/>
 - <https://bubbl.us/>
- 3 levels of details are included.
- Map is color-coded, organized, and neat.
- Map includes at least 3 pictures.
- Make sure information is explained and detailed.

Newspaper/Main Story

- Story includes the Who, What, When, Where, Why, and How of Continental Drift.
- All information is thoroughly explained and detailed.
- Story should be included in a newspaper format with other relevant information included (pictures, ads)

Historical Timeline

- 4 major events contributing to the theory of Plate Tectonics are included in detail and thoroughly explained.
- Each event includes a 5-6 sentence paragraph explaining its importance
- Timeline may be typed or hand-written. You may use the Internet to help organize your thoughts and create a timeline using the suggested site.
 - <http://office.microsoft.com/enus/templates/results.aspx?qu=timeline&ex=1&av=all>

3 Geological Features

- Presentation may be in any format: PowerPoint, poster, booklet, etc.
- Must include pictures and explanations explaining how each feature formed, where it is located, and how the formation of the feature is related to Plate Tectonics.

Photo Collage

- Collage may be in any format: poster, booklet, photopeach, etc.
- Must include 6 pictures/images/diagrams
- Each picture requires a 5-6 sentence paragraph thoroughly explaining how each picture relates to Plate Tectonics. Explanations must be scientific.

Song or Rap

- Must be an original song or rap.
- Should include at least 8 facts regarding Continental Drift and Plate Tectonics.
- Must be performed or read to the class.

1 Page Paper

- Paper must be typed (double spaced, size 12 font), and include a full biography of the scientist. The paper must be at least 1 page.

****All work must be original and in your own words. Plagiarized work will result in a zero.**