

**Darwin:
The Theory of Evolution by Natural Selection
Graphic Organizer**

Writings:

- journal
- letters to friends
- On the Origin of _____

Voyage of the Beagle:

- Year began: _____
- Duration: _____
- Places visited:

His Assignment was to study:

- Plants
- A _____
- L _____
- F _____

Charles Darwin

Observations:

- Living _____
- F _____
- Compared species on the islands and _____

Inferred that species were all separated from _____.

Theories that helped:

Lyell

- Geologic features formed by slow _____
- Earth is much _____

Malthus

- Competition is the _____

Organisms within a population have:

- Specific traits
- Anatomical similarities
- Variation
- Adaptations to their environment

And because of environmental pressure, experience

- Natural selection

Theories in science are based on

Examples of other theories include:
(1) _____
(2) _____
(3) _____

Theory of Evolution by Natural Selection:

- **Overproduction:** _____
- **Variation:** _____
- **Competition:** _____
- **Speciation:** _____

Example of speciation _____