

Biology 1
PBS Evolution - An Origin of Species
Internet Activity

Name:
Name:
Date:
Hour:

Go to: <http://www.pbs.org/wgbh/evolution/>
Click on "Darwin"
Click on "An Origin of Species"

1. What is adaptive radiation?
2. Click on the "Species Gallery". List the example organisms used to illustrate adaptive radiation. Do these demonstrate convergent or divergent evolution?
3. What was the catalyst for the spread of the pollenpeepers? Was this a density dependent or density independent factor?
4. Fill in the table below. For full credit you MUST describe how these factors change over time (click on the timeline):



Be sure to describe these factors over time!

| | <i>Competition</i> | Habitat | Food | Predators | Resulting Accumulated Adaptations |
|----------------------------|--------------------|----------------|-------------|------------------|--|
| <i>Mainland</i> | | | | | |
| <i>Windsor Island</i> | | | | | |
| <i>Norcross Island</i> | | | | | |
| <i>Warwick Archipelago</i> | | | | | |