Name _____ Evolution and Natural Selection

Lesson 3: Evolution Activity Summary Worksheet

1. Visit the tree of life in the interactive onezoom website (https://www.onezoom.org/). By clicking on different leaves, you can scroll in to see the diversity and relationships between different species. Find hedgehogs in the tree (hint, start with the ladybug and then use the bird picture). How many species of hedgehogs are in the tree (hint – click on the most recent common ancestor in the branch to find the answer).

2. Why do you think the different species of hedgehogs evolved from their common ancestor (hint - think about how long ago they first evolved and changed over time since then).

3. Design a creature exercise:

a. Pick an environment – desert, ocean, grassland, or forest. Write your choice below:

b. Design an imaginary animal to live in that environment. Draw your creature below and point out three adaptations it has to help it survive in that environment (for example, a forest animal may have claws to help it climb trees).

c. Describe a natural disaster that affects the animals in your environment (for example, flood, drought, forest fire, mudslide, or warming temperatures). Write your choice below:

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d. Draw an animal from your population that may have survived the natural disaster and point out the difference that helped it to survive.

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