## Evergreen Scavenger Hunt

| ☐ Collect cones from different evergreen trees.  |                      |   |  |
|--|----------------------|---|--|
| □ Collect at lea                                 | ast 3                |   |  |
| different needles from                           |                      |   |  |
| evergreen tree                                   | es.                  |   |  |
| $\square$ Use the attac                          | ched FIR dat needles | PINE SPRUCE spiky needles in all directions |  |
| guide to identify the tree                       |                      |   |  |
| the needles came from.                           |                      |   |  |
| □ Tape needles in each box & label your findings |                      |   |  |
| Tree 1:  | Tree 2:              | Tree 3:                                     |  |
|  |                      |   |  |
|  |                      |   |  |
|  |                      |   |  |
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|  |                      |   |  |
|  |                      |   |  |
|  |                      |   |  |
| Name:  | Name:                | Name:                                       |  |
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| □ Lay under a conifer tree                    |   |  |
|---|---|--|
| Lookup through the branches and talk about:   |   |  |
| ☐ the patterns you see                        |   |  |
| ☐ How does this tree pro                      | ovide shelter from wind                                     |  |
| ·   | Svide diletter irom villa,                                  |  |
| rain, and snow?                               |   |  |
|   | $\square$ Look at the WHORLS of branches                    |  |
| CURRENT<br>YEAR'S GROWTH                      | **Each year the tree adds a new whorl of                    |  |
|   | branches.   |  |
|   | **Count the whorls to estimate the age of the               |  |
| 4 POSIBLE                                     | tree.   |  |
| LAMMAS GROWTH                                 | whorls  |  |
| 5 Mills M. St. S. St. N.                      |   |  |
|   | **Add 3 years to that number for the first few              |  |
| FALSE WHORLS                                  | years of growth before the tree started to make the whorls. |  |
| BRANCH STUBS                                  | the whoms.  |  |
| OR KNOTS.<br>GUNT THESE.                      | whorls + 3 years=   |  |
| 8   |   |  |
| YEARS FROM GERMINATION TO FIRST VISIBLE KNOT. | **Tell Mrs. Panzer: Why do many cones grow or               |  |
| ≈ 10 YEARS OLD                                | the top of evergreen trees?                                 |  |
|   |   |  |
| □ Find a nest in a tree                       |   |  |
| □ DISCUSS with your group                     |   |  |
| $\square$ Is the tree deciduous or cor        | niferous?   |  |
| ☐ Describe the tree                           |   |  |
| ☐ What color is the bark?                     |   |  |
| $\square$ Why do you think the animal cho     | ese that tree?  |  |
| $\square$ Are there a lot of conifers in the  | e forest?   |  |
| ☐ Why or why not?                             |   |  |
| ☐ What does a tree need to surv               | ive?  |  |