



TOAD HIBERNATION NEST INSTRUCTIONS:

1. Fill the 24 oz container with 1/2 cup of potting soil. ☐
2. Layer the potting soil with some rock and leaves. ☐
3. Place the plastic toad in the potting soil. ☐
4. Cover the toad with another 1/2 cup of soil, layer with leaves, branches, rock. ☐
5. Use the first thermometer to measure the temperature inside the hibernation nest. ☐
6. Record this temperature on the provided sheet. ☐
7. Close with container with the lid. ☐
8. Place the container on the red ice pack and place the blue ice pack on the lid. ☐
9. Use the second thermometer, under the ice pack to measure the temperature of the environment outside the hibernation nest. ☐
10. Record this temperature on the provided sheet. Hint: it should be around 0°C (remember, ice is frozen water - think back to our lesson on the freezing point of liquids). ☐
11. Look at example model. ☐
12. Measure the temperature outside the hibernation nest using the teacher example. ☐
13. Record this data on the provided sheet. ☐
14. Open the lid. Measure the temperature inside the hibernation nest with the example model. ☐
15. Record the data on the provided sheet. ☐

Great work! You have given back to the land by helping the toad survive a cold Canadian winter!