

Hibernating Bears

The Science Behind the Experiment – A Guide for Adults

When animals prepare to hibernate for the winter, they grow extra layers of fat or fur to insulate them from the cold as they sleep. The extra fat and/or fur helps to trap warmth around the animal and prevents the body heat being lost to the surroundings.

Science Experiment

Hibernating Bears

What is hibernation?

How do animals keep warm when they are hibernating?

What happened to the fur-covered hot water bottle in the box?

What happened to the hot water that was out of the box?

What does this tell us about how animals keep warm?

