



alabama's first STEM preschool



Make a Hygrometer

Air has water, or moisture, in it. A hygrometer measures humidity, the amount of moisture in the air.

1. Pick a mature, woody pinecone that isn't green or dried out.
2. Attach a loop of string to the top and hang it outside in full view from a window.

OBSERVE what happens...

On days when it's very humid or rainy, the cone's scales (or petals) will close. When it's dry and sunny, the scales will open!

WHY does the pinecone change?

The cone opens on sunny days to release its seeds. Nice weather gives the seeds a better chance to be carried by air or animals to a good place to sprout and grow.