

# Pine Cone Weather Forecast

## The Science Behind the Experiment - A Guide for Adults

Pine cones open and close to help seed dispersal. When the weather is dry, the pine cones open and the wind carries the light seeds from inside the pine cone to destinations away from the original tree. When the weather is humid or wet, pine cones close to protect the seeds as they would not travel very far in wet weather.

## Science Experiment

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What do you notice about the pine cones?

Where do pine cones come from?

Can you find any seeds inside the pine cones?

What happens to the pine cones when you put them in the water?

What happens to the ones outside?

What do you think the weather will be like today?