

## Tips for Quackers

It is recommended that the supervisor carefully read the teacher background ahead of time for detailed information about the science of sound.

This was designed as a lower elementary activity and is not appropriate for upper elementary students.

Students should be encouraged to compare the sounds produced by rubbing on the string when it was dry and when it was wet. Question such as the following can be asked:

What kind of sound was produced by rubbing on the string alone?

What happened when the string was wet?

Why do you think the cup was used?

What else can you think of that uses the same idea?

Decorating the device is optional, but it is fun for the younger students.

You may want to have students put away their quackers until the end of the day after they have had ample time to explore the sounds produced.