



Sent in by Sylvia H. of Pittsburgh, PA

What You Need


- containers of different sizes
- shrink wrap (used to insulate windows) or plastic wrap
- double-sided tape (if you use plastic wrap)
- hair dryer
- masking tape
- large spoon

Super Sounding Drum



- 1 Choose** a container that you like. Different sized containers make different types of sounds. **Predict** what kind of sound your container will make.
- 2 Put** the double-sided tape all the way **around** the outside of the container, about **two inches** down from the top.
- 3 Cut** a piece of shrink-wrap that's large enough to **cover** the top of the container and **reach down** the sides to the double-sided tape.

- 4 Press** the shrink-wrap against the double-sided tape. Then **tape** the edges of the shrink-wrap with masking tape so that it's securely attached to the container.
- 5 Now blow-dry** the shrink-wrap with a hair dryer set on hot. The heat **shrinks** the plastic and makes a very tight drum. **Be careful** using the hair dryer. Keep the dryer about **4 inches away** from the plastic so the plastic doesn't **melt**.
- 6 Test** your drum by hitting it first with your fingers, then with other objects. **How does it sound?**


 Now it's time for you to **experiment**. What happens if you use a container with a different **shape**? What happens if you use a **larger** or **smaller** container? Or, what happens if you use a container made of a different kind of **material**, such as cardboard instead of glass? Change **one thing** (that's the variable) and make a **prediction**. Then test it and send your results to ZOOM.

