THE SAGE DAD

SMALL ADVENTURES. TIME TOGETHER.

Cup Xylophone

SD-B108 / DISCOVERERS · AGES 7–9

Change water levels to tune cups into a five-note scale.

YOU NEED: Five identical glasses or jars, water, a spoon

DISCOVER	Line up five glasses. Tap one gently with the spoon and listen.
PREDICT	Will more water make the sound higher or lower? Guess.
SOLVE	Put a different amount of water in each glass. Tap and tune them from low to high.
EXPLAIN	What did more water do to the sound? Play a simple song.

MY WATER LEVELS

GLASS 1	GLASS 2	GLASS 3	GLASS 4	GLASS 5

Prediction and result

More water made the sound

My tune

My tune is...

GROWN-UP GUIDE: A grown-up handles the glasses and checks they are sturdy. Tap gently with a spoon. More water makes the sound lower and less water makes it higher, so five glasses from least to most water go from high to low.