



STEM that changed Ireland

4th Class

Print and cut along the dashed lines, then hand one card to each group. These carry the **text a group reads** — a job to do, a brief to research, or notes to identify by. They are not sorted or sequenced, so there is nothing to match on screen.

Message across the room

Your challenge is to send a short spoken message from one side of your station to the other without the listener reading your lips. You may use only the paper cups and string on the tray. Decide how to set them up, try it, and

Lift with less effort

Your challenge is to lift the small weight off the desk using less effort than lifting it straight up with one hand. You may use only the rulers and pencil on the tray. Try different pivot points

Keep the ice

Your challenge is to slow down how fast an ice cube melts. You may wrap or cover one ice cube using only the materials on the tray. Leave a second ice cube bare as your comparison. After a few minutes, compare them and