



## Engineer a snowball launcher

Winter weather can certainly create problems for aircraft pilots, but it can also bring its share of fun. To sharpen your critical thinking skills, try engineering a snowball launcher!

### Materials needed:

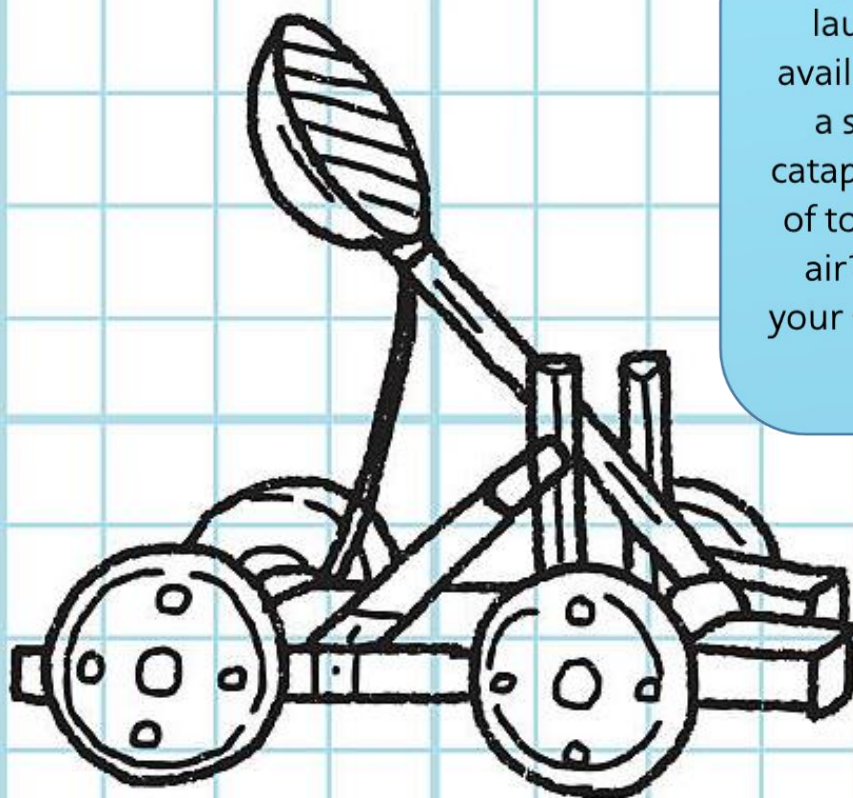
Mini Marshmallow  
or cotton balls

Wooden sticks or  
wooden spoons

Recyclables

Rubber bands

Tape



Can you create 3 different types of snowball launchers with the materials you have available? Try creating a design inspired by a simple lever, by a slingshot, and by a catapult. What other method can you think of to launch your “snowballs” through the air? Plot how far each machine throws your snowballs on a graph and determine a winning design!

