

WINGS

Egg Drop Challenge

Description

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Students work in teams to design a container that will protect an egg when it is dropped from up high.

Supplies

- Eggs
- Balloons
- Toilet paper rolls
- Shoe boxes
- Tape
- Construction paper
- Rubber bands

How to Play

- 1. Divide students into teams of 4-5 students and give each team an egg.
- 2. Give each team the same supplies using the list above.
- 3. Give teams a time limit to create a container to protect their egg from cracking when dropped up high.
- 4. The only rules are that they must only use the supplies given to them.
- 5. Once time is up, have teams turn in their egg containers.
- 6. Drop each team's egg container one at a time from up high. After each round see if the eggs are broken are not.
- 7. If time permits, take the egg containers with uncracked eggs to a higher location and drop them again.



Activity Prompts for Reflection

- How did your team work together on this activity?
- What were some different ideas your team had throughout this activity?
- What were some positive words you heard from your team during this activity?
- How were you a team player during this activity?

Other Ways to Play

- After each drop, have students go back and redesign their egg containers based on what they learned from watching the first drop.
- Any supplies will work for this activity, use whatever is at hand and be sure to give each team the same supplies.
- Do the egg drop each day for one week. Teams are responsible for keeping their uncracked eggs safe until the egg drop the next day.

Additional Notes

- Any supplies will work for this activity, use whatever is at hand and be sure to give each team the same supplies.
- Use the SEL Activity Prompts to tie other SEL competencies to this activity.

Category

- 1. Activities
- 2. Self-Management

Sel-competency

1. Self-Management

Allotted-time

1. 30 minutes

Themes

1. STEM