



Egg Drop Challenge

Description

Description

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 or 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. Relationship Skills

Sel-competency

1. Relationship Skills

Allotted-time

1. 30 minutes

Themes

1. STEM