



EGG DROP DAY

Grade K-8



IT'S TIME TO EXPERIMENT WITH THE EGG DROP CHALLENGE!

K-8 Students will gather together for an exciting egg drop experiment!

NAMASTE!

5 min

Namaste is Hindi for hello!

Greet your students. Be friendly. Use their name, ask a question, give a high five, or thumbs-up! Take roll. Mark down which students took a snack and tally how many snacks were given out.

SNACK / FREEPLAY

30 min

Enjoy free Play:

Students will have their snack and enjoy time to free play.

STORY TIME

15 min

Read the story:

Read the story of the day. Older students may choose to read their own books.

STEM TIME

50 min

Egg drop challenge

1. Take the students outside and allow them to take some time to finish up the boxes they are engineering for the egg drop.
2. Play some fun music for the students.
3. If students want to decorate their eggs they can use a marker to make a face or design on their egg.
4. When each group has completed their design it is time for the STEM Coach to facilitate the egg drop!
5. The STEM Coach will take turns tossing each group's box up into the air. When the box lands the group will open their box and see if the egg breaks or if it was protected.
6. If you have time, let students work on their box and try again if they have another idea.

Ask: "What features do your materials have that will help keep your egg from breaking?" "What would you do to improve your design next time?"

*STEM Coaches be sure to use about the same amount of force when throwing each box, so that the groups can accurately evaluate which designs worked best.

Materials:

- Eggs
- Boxes
- Happy trash (bubble wrap, tissue paper, toilet paper, plastic wrap, string, etc.)
- Markers



SPORTS / GAMES

25 min

*Older students may practice their sport if they don't want to play the game.

HOMEWORK / FREE PLAY

20 min

CLEAN UP

5 min

I SPY!

Instructions- Have the players line up outside. The first player in line will be the first "Spy." Invite this player to come to the front and face the group. They will look around and find an object within the playing field, then announce to the group, "I spy with my little eye something..." (example: something blue, something green and leafy, something colorful, something that you sit on, something that you swing on etc.) Without saying a word, the players will then run to the object they think the Spy is thinking of. Once all the players are standing by an object the Spy will then yell out what the object was! Everyone will come back together and line up in the same order. The Spy will go to end of the line and the next person will become the Spy. The game will continue until everyone has had a turn to be the Spy. For larger groups, to allow everyone the opportunity to be the "Spy," the STEM Coach may want to organize the players into 2 or more groups and have multiple games going at once.

Instructions:

Allow your students some homework time. If they need help let them know you can help them. If they do not have any homework they can have some reading time, or they can have free time to go outside and play.

Clean up/pack up/dismissal

Clean up, pack up and practice lining up.