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2

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# FREE TRAININGS

Egg Drop
Challenge





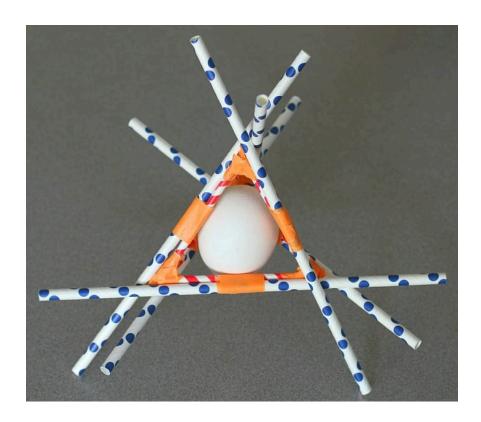
## **Introduction**

#### **Brief Overview**

Welcome to the Egg Drop Challenge! It's time to get those creative juices flowing and teamwork gears turning. Prepare for an exciting journey of innovation, strategy, and, well, a little bit of mess.

### **Purpose**

This isn't just about dropping an egg; it's a lesson in physics, engineering, and collaboration. The goal is simple yet challenging: create a device that will protect a raw egg from a high fall. Ready to crack the code without cracking the egg?



#### **Materials Needed**

#### **List of Materials**

- 1 raw egg per team
- Various recycling materials (paper, bubble wrap, straws, strings, thermocol, etc.)
- Tape
- Scissors

#### Visual Aids

- Instructional slides with rules and creative egg-protecting contraptions
- A countdown timer for added suspense

## <u>Ideal Participants</u>

This egg-citing challenge is perfect for individuals of all ages, making it ideal for students, professionals, and organizations. It's a cracking good way to promote out-of-the-box thinking, enhance collaborative skills, and introduce fun into agile project management principles.

## **Training Flow & Timeline**

Total Duration: 1 hour of egg-tastic fun and learning

Time Breakdown for Egg Drop Challenge



- 5 minutes for welcome and rule explanation
- 30 minutes for design and construction
- 5 minutes for the drop
- 15 minutes for discussion and learning reflection
- 5 minutes for wrap-up and next steps

### Rules for the Egg Drop Challenge

- The Protection Goal: Your contraption must protect the egg from a predetermined height.
- Material Limits: Teams can only use materials provided.
- Time Constraint: You have 30 minutes for construction. When the time's up, hands off!
- **Egg Integrity**: The egg must remain unaltered. No hard-boiling allowed!

## Step-by-step Guide to Egg Drop Challenge

Step 1: Team Formation

**Activity:** Gather into teams and distribute materials.

Time: 5 minutes

Step 2: Design Phase

Activity: Sketch and plan your egg-protecting device.

Time: 10 minutes



### Step 3: Construction

Activity: Build your egg-saving masterpiece.

Time: 20 minutes

### Step 4: The Drop

Activity: It's time to put your design to the test.

Time: 5 minutes

#### Step 5: Outcome Observation

Activity: Examine which eggs survived and why.

Time: 10 minutes

### Step 6: Learnings Unveiled

Activity: Discuss the engineering and teamwork strategies that

led to success.

Time: 5 minutes

## Step 7: Celebration

**Activity:** Applaud the ingenious designs and teamwork.

Time: 5 minutes

#### **Key Learnings & Takeaways**

Discover the importance of planning, creativity, and teamwork in protecting your fragile cargo. It's not just about surviving the fall but about rising to the challenge together.

### **Next Steps**



Take the creative and collaborative skills back to your daily tasks. Challenge another team or try a higher drop next time!

#### Feedback

Loved it? Learned something new? Your feedback helps us improve and innovate on our fun challenges.

### Cheating

Remember, bending the rules might crack more than just an egg. Let's keep it fair and fun for everyone. Creative solutions within the rules are encouraged and celebrated!

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