

JULIAN CHARTER SCHOOL'S

# San Diego Science Club

AT THE SAN DIEGO LEARNING CENTER

## **THE GOAL:**

To have fun with science!

## **THE PLAN:**

- ★ Follow the written instructions below and watch the podcast to see the Egg Drop in action!
- ★ Work on your project at home. Try it out!
- ★ Come to the club and join in the fun by competing against fellow students.
- ★ If you don't have a project to bring in, feel free to come and visit!

In May, all 5 clubs (from 3 counties!) will meet together and compete against each other. Written instruction for all projects can be found on the JCS Parent Wiki, under K8 science.

## **WHO CAN PARTICIPATE?**

All Julian Charter School students, grades 3-8 are eligible to compete. You don't have to come to every club, but the more you can come, the more you can compete! We will have two age categories: 3-5, and 6-8.

## **THE BREAKDOWN:**

Jan 30 1:00-2:30	Egg Drop	Can you cushion a raw egg to keep it from breaking if it's dropped from 20 feet? Watch the video podcast for more information: <a href="http://www.juliancharterschool.org/tag/science/page/2/">http://www.juliancharterschool.org/tag/science/page/2/</a>
March 3	Structures	Can you build a strong tower of straws?
April 7	Paddle Boats	Rubber band powered—too cool!
May 15	Field Day!	All teams come together in Murrieta to compete!

Additional information also available on the parent Wiki at  
<http://parents.jcs.wiki.juliancharterschool.org/K8Science>

Please RSVP and/or write for more information:  
[pgoalwin@juliancharterschool.org](mailto:pgoalwin@juliancharterschool.org)

## Egg Drop Instruction

**Description:** The objective is to construct a package to protect an egg (from breaking) which will be dropped free fall from a height selected by the tournament director.

### **Competition**

- the package size is no more than **12 cm. X 12 cm.**
- glass and metal may not be used
- there is no weight limit
- each container should be labeled with the student's name
- students must supply their own raw egg
- students may work alone or with ONE partner
- packages will be dropped, free fall from several heights, starting at 5 feet.

### **Scoring**

Those eggs that survive the drop without breakage or showing any detectable fractures or chips will be winners! Results for all contestants will be posted on the wiki.