

# O.R.E.O. Online Project 2018

## Instruction Worksheet and Final Tally Information

### Materials:

- Regular O.R.E.O. cookies (not double stuff – unless you wish to do the extension activity)
- Tablecloth or paper plates to stack cookies
- Pencil or pen to record amount of cookies after they have tumbled
- Attempt Worksheet
- Submission Form

### Directions:

1. Each student will have 2 attempts to create a cookie stack.
2. Students will place **one** cookie on the paper plate/table cloth and **add one cookie at a time** to the stack.
3. Students may **NOT** adjust the cookie after they have placed the cookie on the stack and moved their hand away. Cookies need to be freestanding and **NOT** leaning against any kind of support or use any kind of adhesion, so they stick together. Cookie needs to be a regular cookie and not separated in ANY way.
4. Another student should be tallying as the student stacks.
5. A tumble has occurred once **1 or more** cookies have tumbled off the stack. The complete stack DOES not need to completely tumble for it to be called a tumble.
6. Once a tumble has occurred the student needs to record their stack count onto the attempt worksheet.
7. Whether the student attempts their second stack now or at another time is at the discretion of the teacher.
8. Once all students (and teacher too) recorded their stack totals, please add up all **largest** cookie stack attempts from each person and divide by amount of people who have stacked to determine average length stacked.
9. Please submit the class **AVERAGE LENGTH STACKED** via the online form (available on results page)

## O.R.E.O. 2018 SUBMISSION INFORMATION

Results may be posted starting on September 10, 2018 to October 20, 2018

**1. Teacher Name**

**2. School Name**

**3. School Location (state--two letter initial please, province for our Canadian participants or any other country)**

**4. School Postal Code**

**5. Grade**

**6. # of Stackers**

**7. Average Stack of all Stackers (must be in whole numbers)**