

# Under Our Wings

## LITERACY EGG FOUR SQUARE CHALLENGE

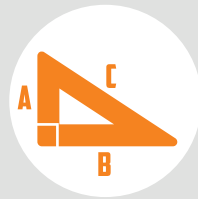
*Under Our Wings* wants your school to join us in promoting literacy and community by participating in this fun and collaborative learning activity. We are asking schools all over Texas to draw/paint/color a Literacy Egg in one of their four square boxes on their playground that is big enough to be seen from outer space. The goal of this activity is tell all the students and their families in Houston that we are united in helping them overcome the aftermath of Hurricane Harvey. The final egg and message will be visible from Google Earth within a few days of finishing the activity.

The Literacy Egg represents how fragile a child is. Placed in the right conditions, a child will hatch and thrive; while under adverse conditions, a child cannot. We want the literacy egg to be an symbol of not just literacy, but community spirit. Hurricane Harvey may have devastated many of our students' homes, but our spirit can never be destroyed.

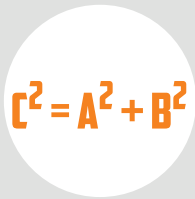
### LESSONS LEARNED



Teamwork



Geometry



Algebra



Astronomy



Community  
Involvement



Mapping, Orienteering  
and Coordinates

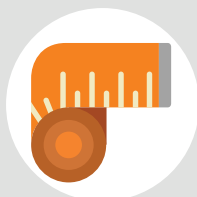
### STEP 1 & 2:



**STEP 1:** Use **Google Maps** to view your school at <https://maps.google.com/> and locate your **FourSquare** on your school campus (often near the playground). Make note of which direction is **North** on your square for reference later.

**STEP 2:** Once you have located your **FourSquare** or decided on a location to draw one, go out with these tools **Step 3** to start the process of making your **FourSquare Literacy Egg**.

### STEP 3 TOOLS NEEDED



Tape Measure/Ruler



25 Foot Rope



Chalk

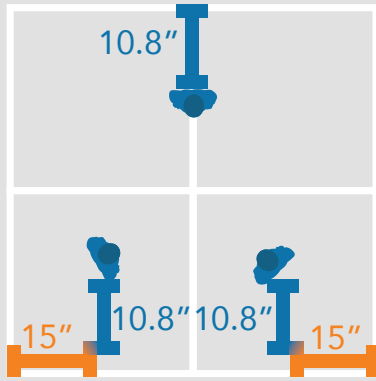


Spray Paint (Optional)

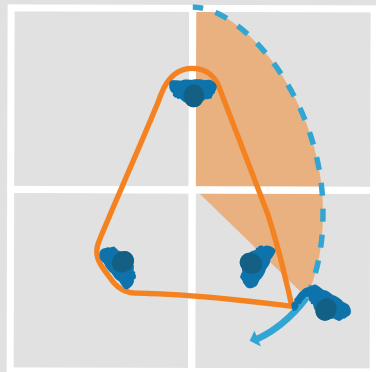


4 Kids (Required)

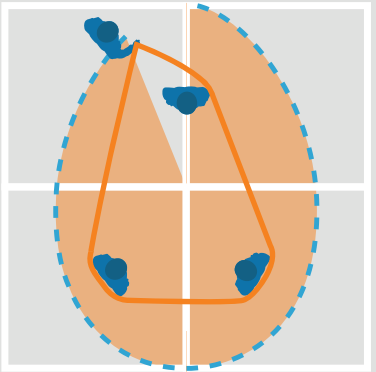
## STEP 4 & 5:



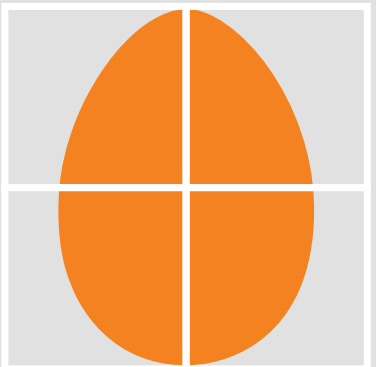
## STEP 6:



## STEP 7:



## STEP 8 & 9: #HOUSTONSTRONG



# #DRHOOTS

**STEP 4:** Begin by measuring the height of your FourSquare. If it is 10ft x 10ft, then measure 10.8 inches from the middle of the top edge inward. Have one kid stand at that point. Use the following chart to determine the proper dimensions.

**STEP 5:** Start on the bottom left corner of the square. Measure 10.8 inches to the right and 10.8 inches up. Mark this spot for reference. Have another kid stand. Do the same for the bottom right corner. From the bottom right corner, measure 10.8 inches to the left and 10.8 inches up. Mark this spot and have the third kid stand there.

**STEP 6:** You should have three kids standing in a triangle (two at the bottom and one at the top). Place the rope around them to form the triangle, with some slack in between the kids at the bottom. Test that the rope is touching the bottom of the square at the bottom and the top of the square.

**STEP 7:** Have the fourth kid take hold of the rope at the very bottom of the FourSquare. This kid will be in charge of drawing the egg shape. Have him/her walk around the other three kids, keeping the rope tight.

**STEP 8:** Complete the egg shape using the chalk or paint. Once completely drawn, fill the egg in with an orange-colored chalk or spray paint (teacher must complete with paint spray).

**STEP 9:** Draw **#HoustonStrong** on the top edge of the FourSquare and **#DrHoots** on the bottom edge of the FourSquare with your orange chalk or spray paint.

*In addition to the excitement of painting the egg, participating in a statewide challenge, and tackling big educational topics, we've got more exciting prizes to this challenge. If your school's Literacy Egg shows up on Google Maps, we will send you a FREE set (English or Spanish) of the Avian Kingdom Feathered Tales books to get your students motivated towards dual language literacy. Bonus: If you use permanent paint (like the kind used to paint the four square), Dr. Hoots will hand deliver your book set and visit with your students.*

**Submit Here: [4Square.UnderOurWings.org](http://4Square.UnderOurWings.org)**