

# GRASSHOPPERS STEAM DAY

Fridays, 9.30 am – 1 pm

Starting fall 2021, Fridays will be STEAM focused days for Grasshoppers. STEAM day will combine five academic areas of **science, technology, engineering, art, and math**. STEAM activities help create critical thinkers by encouraging them to explore and investigate new concepts and problem solve. The Friday STEAM activities may or may not be related to the weekly theme (similar to Friday Jr. Kindergarten for Dragonflies). Below are a few sample STEAM activities for next year (subject to change).

## SAMPLE ACTIVITIES & WEEKS

### 1. Welcome Week: School Expectations (Short Week)

- Each child grows a bean plant (start of school: how we grow taller and grow with learning new things)



- Measure our height with string (beginning and end of the year)

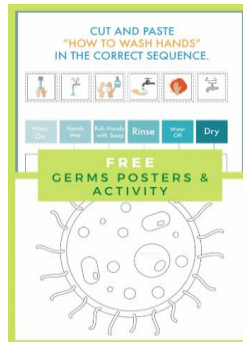
## 2. Germs Week:

Germs Week is a staple at Bellevue Discovery Preschool, and as they learn about germs, we start practicing good handwashing techniques to help our preschoolers understand the significance of the 20 seconds Golden Rule.

- **Wash “The” Hands** – Children draw germs on a glove. They hypothesize and experiment washing the germs off the glove using different techniques to learn which one works best (Quickly/using the Golden rule, without soap/with soap).



- **Make a handwash poster** - This helps them recapitulate what they have learned and remember it better.



## 3. Pumpkin Week

- **Pumpkin Geo Boards** - Critical thinking: placement of rubber bands or nails to make patterns and geometric shapes while strengthening fine motor skills.



## 4. Winter Festivals

- **Design and Build your Toy Chute –**

*Science:* What causes the toys to slide down the chute? Which toys slide the fastest? Which toys slide the slowest?

*Technology:* Use a stopwatch or timer to see how fast you can fill a small gift box with toys using your chute.

*Engineering/Design (Art):* Build and design your toy chute.

*Math:* Sort your toys by size.

