



Plastics are

**EVERYWHERE**

Day 3

# Plastics Design Solutions

**Design Groups - based on your selection  
on the google form (the HW)**

## 1) River Filter Machine

Whiteley	Jackson
Ahrens	Austin
Penry	Nathan
Kazarian	Rachel
Rusake	Rachel
Emilio	Barajas
Bravo	Gabbie
Hubbard	Nina
Cionci	John
Pagan	Nick
Murayama	Satoshi

## 2) Plastics Board Game

Steel	Brianna
Fowler	Lucas
Clark	Anthony
Jernigan	Christian
Camacho	Angela
Seel	Nicholas
Hutton	Cameron
Figueroa	Alberto
Engelke	Will
Steel	Brianna
Labbe	Darien

### 3) Sort-Port

Rosas Campa	Omar
López-Plaza	Santiago
Garcia	Santiago
Vise	Taylor
Velasco	Andrew
Zuniga	Reynaldo

### Storm Drain System

Shields	Daemon
Charleton	Ellery
Martinez	Ajany
Miranda	Connor
Luna	Brandon
Booth	Tobias
Minor	Joey
Reynolds	Devon

# Mushroom Disposal

Amador	Manuel
Lozano	Iain
Chong	Kyle
Lopez	Andres
Rankin	Brennan
Rivera	Joshua
Guido	Ezequiel
Toupin	Joshua
Arredondo	Nicholas
Kohlmann	Samantha
Roberts	Tiera
Romero Torres	Derek
Piana	Sabrina

# Reinventing Kids Toys

O'Mara	Erin
Garland	Delaney
Crean	Colby
Crean	Trent
Messerli	Graeme
Crellin	Tyler
Tilden	Aidan
Ahn	Emilia
Tucker	Ivy
Ampuero	Samuel
Morgan	Cade
Lteif	Marguerita

Split your group into smaller groups of 4 - 6 students.

# Next,

Discuss your design solution with your group.

1. Why did you choose this solution?
2. What do you imagine creating?
3. What part are you most excited about?



# In the next hour you need to make this solution yours.

- Define your problem.
- Brainstorm details of how your solution will work.
- Conduct research
- Complete a design brief in a shared Google Folder and doc.

# Design Brief Requirements

**Client:** Axis STEM Academy

**Target Consumer:** Specific to your design

**Designer:** List your group members

**Problem Statement:** Use the problem statement format used last week..

- People need a better way to \_\_\_\_\_ plastic because \_\_\_\_\_ . *(give reasoning include evidence and explanation).*

## Design Brief Requirements (cont.)

**Design Statement:** Write a paragraph describing your design. Give enough detail that someone could imagine how your solution will function and how it will solve the problem

**Criteria:** Make a list of statements describing the things your solution must do to be successful

Create a Google Folder shared with all of your group members and the core teachers

Title of Google Folder:

- Plastics\_ 2019\_ (*group name*)

Copy the Design Brief Document available on Vezino's website into this folder