

Create a Dream Pool

Divide students into groups of 4-6.

Provide makerspace supplies:

- Cardboard boxes
- Masking tape
- Scissors
- Rulers
- Liquid glue
- Glue sticks
- Toilet paper rolls
- Paper towel rolls
- Pipe cleaner
- Paint
- String
- Q-tips

Give students a set amount of time (1 hour is a good amount) to gather as a team and

- Brainstorm what features their dream pool would have
- Draw a blueprint
- Create a 3-D model out of recyclables

Create a Dream Pool

Team Members:

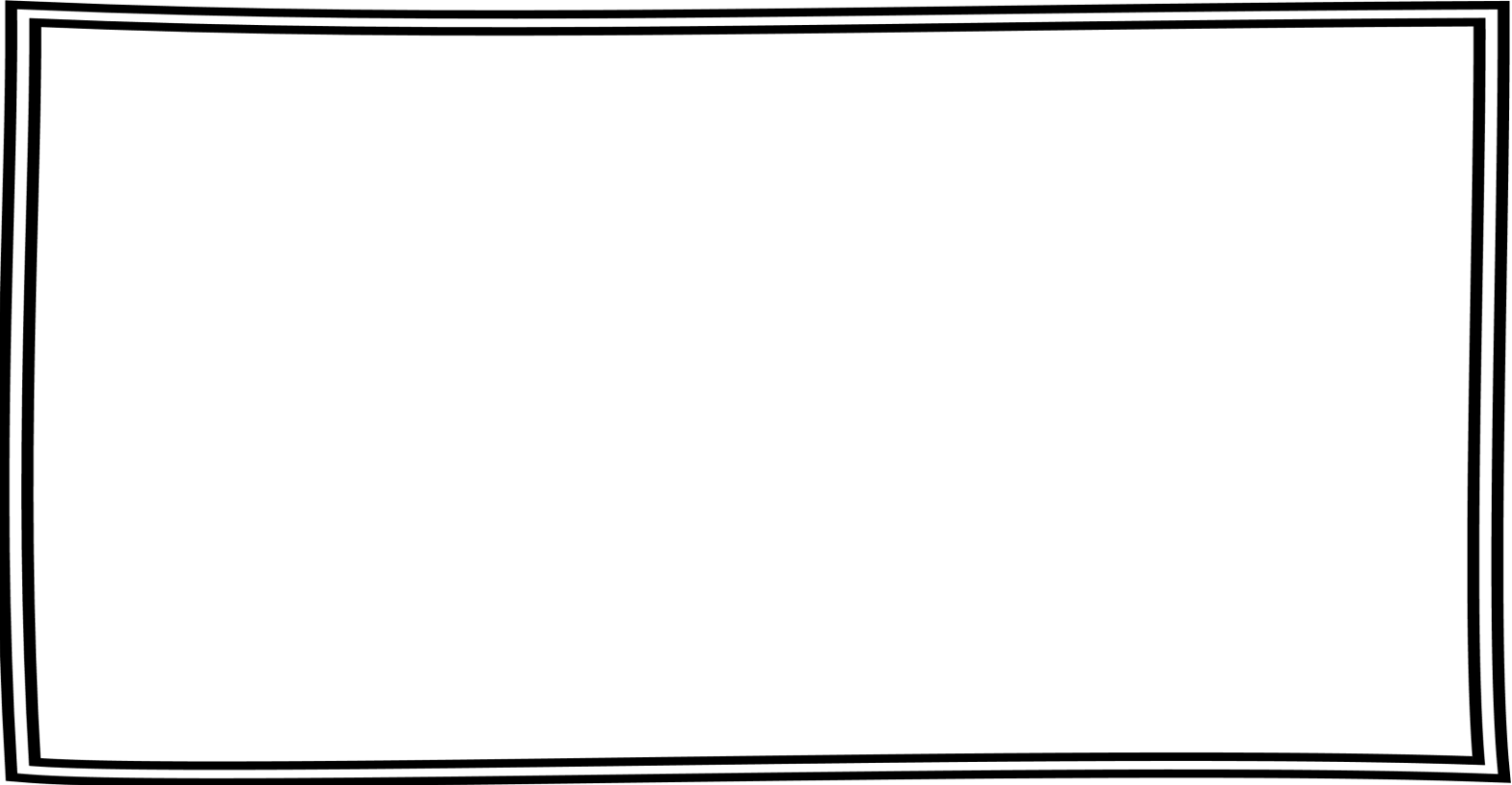
Materials we used: _____

Our pool includes (choose at least 5):

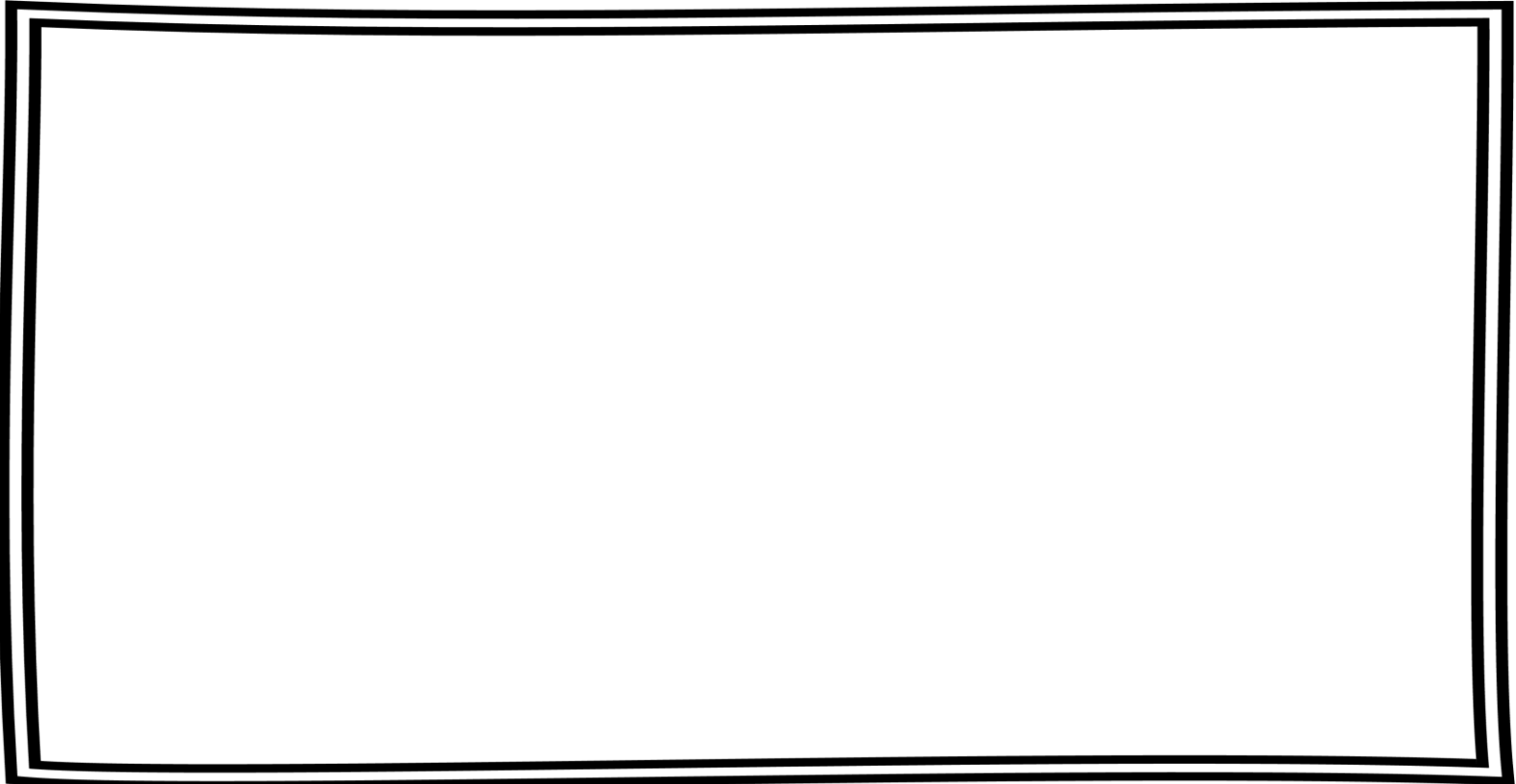
- _____ lap lanes
- Diving board
- Lazy river
- Slide
- Deep end
- Shallow end
- Splash pad
- Stair-free entrance
- Seating around pool
- Seating within pool
- _____
- _____

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Our floorplan (view from above):



Our sideview of main pool area:



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Name: _____

_____/20 Took an active role in brainstorming ideas with group

_____/20 Chose at least 5 features

_____/10 Drew diagram from above

_____/10 Drew diagram from the side

_____/20 Used at least 4 types of materials

_____/20 Split work fairly with group members