STEAM Camp At Home

At Home With SICM is now celebrating our summer camps! This week we were inspired by our STEAM camp. We hope your family enjoys doing these outdoor activities together!

Experiment
Make a Cloud in a Jar

Materials:
A jar with lid
About 1/3 cup hot water
Ice
Hairspray

Process:
1.Pour the hot water into the jar.

2. Swirl it around to warm up the sides of the jar.

3. Turn the lid upside down and place it on the top of the jar. Place several ice cubes onto the lid, and rest for about 20 seconds.

4. Remove the lid, quickly spray hairspray into the jar, and then replace the lid with the ice still on top. Watch the cloud form.

5. When you see a lot of condensation form, remove the lid and watch the "cloud" escape into the air.

Make
Make a Catapult

Materials:
10 jumbo wooden craft sticks
hot glue
four rubber bands
recycled plastic cap.

Process:
Stack eight sticks and wrap a rubber band around each end. Then, stack the remaining two sticks and wrap another rubber band around one of the ends.

2. Separate the two sticks hinged together with one rubber band and slide the stack in-between.

3. Add the last rubber band by weaving it in and around the point where the sticks meet.

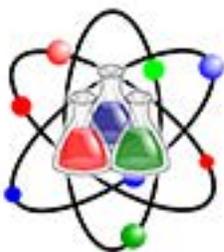4. Apply a dot of hot glue and attach the plastic cap.

Play
Make a Math Game

You'll need something to shoot in the catapult. We used pom pom balls.

Grab four disposal plates and label them with numbers. I used 5, 10, 15, and 20. Use your child's ability to gauge what numbers are appropriate. When playing this with my preschooler by himself, I will just use one plate so he can count by ones how many pom poms hit the target.

Now lay out the plates and load the catapult with a pom pom. Push down on the pom pom filled cap, release, and watch it fly! Have kids add their scores together.

Science

STATEN ISLAND CHILDREN'S MUSEUM
AT HOME!

For more At Home! activities and information about our exhibits visit us at
sichildrensmuseum.org

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