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Chicka Chicka Boom Boom



STEAM CHALLENGE:

How many letters
can your alphabet
tree hold?

Objective:

Build a three-dimensional
tree that can hold the most
alphabet letters.

Materials:

- “Chicka Chicka Boom Boom”
written by Bill Martin Jr.
- Cardboard tube
- Craft Sticks
- Alphabet Letters

Teaching Strategy:

1. Read the story, “Chicka Chicka Boom Boom”. Ask your students how can we build a tree that can hold different alphabet letters using these materials?
2. Give students time to experiment and play with the materials.
3. Discuss and collaborate together, or in small groups, on how to build a tree that can hold more than one letter. Students may wish to draw their design.
4. Build your tree. Discuss how you can improve your design to hold even more letters. Allow time for students to redesign their alphabet tree.
5. Draw a picture of your final tree with the alphabet letters. Share with parents or other classmates.

STEAM Integration

Science: What are the
different parts of a tree?

Technology: Use a digital
camera to record your alphabet
tree design.

Engineering: Construct a
tree that can hold more than
one alphabet letter.

Art: Draw a picture of your
alphabet tree.

Math: Count how many letters
are on your tree.

My ALPhabe+ tree