

Construction Theme

Math (Counting, Patterns)



Building Fences

Vocabulary: fence, build, pattern, construction

Materials

- Glue
- Craft sticks (Colored preferred)
- Tagboard or cardboard

Procedure

- Use multicolored craft sticks if available. Talk about making a fence using the sticks. Let the children know that the sticks are fence boards.
- Create a simple pattern using the craft sticks before gluing to the paper. Have the children “read” the pattern to you. Ask, “What is pattern does your fence boards make?”
- If you have plain craft sticks, brainstorm with the children on ways to color the sticks to make the pattern. The children can use crayons and or markers to show the patterns.
- Create a picture after the fence glue has dried. Give each child an opportunity to talk about the pictures. Encourage them to explain their fence pattern to you as you record their words on the paper.
- Count how many sticks were used, and record the data on a graph.

Extensions

- Children can first draw their own house on a large piece of paper.
- A fence can be added (glued) to their house.
- After the pictures are dried, ask the children “Tell me about the pattern you made with your fence. What other things have you drawn on your picture?”
- Without gluing, create a fence pattern.
- Then remove the unit (the part of the pattern that is repeated) of the pattern.
- Ask “what’s missing?”

Supplemental Activities