

Lesson: Gr. P-2 Math- Freedom Quilts

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Gr. P SCO E6 build 2D shapes using structured materials
E2 develop spatial sense, including position-in-space and the language associated with it
E2 develop spatial sense, including eye-motor co-ordination
Gr. 1 SCO E11 cover figures and fill shapes with countable non-standard units
E8 build, divide, and change 2-D shapes
E9 recognize, name, describe, and represent slides and reflections of 2-D shapes
Gr.2 E3 sort, build, and pattern with 2-D and 3-D shapes
E10 subdivide and change 2-D figures

Materials: attribute blocks, quilt template, quilt patterns, Sweet Clara's Freedom Quilt Book by Deborah Hopkinson

Procedure:

1. Activate prior knowledge- Ask students if they know what a quilt is and if they saw one or have one at home?
2. Ask the students what they think the title of the book means? What is the book about? Do they know what a freedom quilt is?
3. Read the story.
4. As you read note the different types of quilts and the meaning of the symbol.
5. Give the blank template and get the students to recreate the patterns using attribute blocks. For Gr. P students I give them the pattern with the shapes drawn in, so they can practice building it first before building on the blank quilt squares. (Gr.2 students can subdivide shapes once drawn using the attribute blocks to meet the outcome E10)
6. Color the quilt squares and put each students square together to make a quilt.
7. Get students to share their quilt pattern and their strategy for making the 2D shapes. Gr.2 can share what shapes they subdivided and changed.