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|  | "Now you are going to work with your desk partners on finding lines of symmetry in these magazines. When you find an object <br> that is symmetrical, cut it out and glue it on to your poster. Then you will take a marker and draw the line of symmetry." <br> "Each of you will need a different colored marker when you draw the line of symmetry, so I can see which objects you found in <br> your group. I suggest using a ruler or any other straight edge to draw the line of symmetry." <br> "Each person in your group needs to find at least one line of symmetry, but if you find an object with more than one line of <br> symmetry, identify those lines too!" |
| :---: | :--- | :--- |
| $10-20$ | Explore: (independent, concreate practice/application with relevant learning task -connections from content to real-life <br> experiences, reflective questions- probing or clarifying questions) <br> Separate students into pairs or groups of three and give each group a magazine or two. <br> Monitor student progress and aid when needed. |
| 3-5 | Review (wrap up and transition to next activity): <br> "What objects did you find? Can you think of any other objects with a line of symmetry?" |
| Lead brief discussion and collect posters. <br> Students have snack and story time. |  |
| Formative Assessment: (linked to objectives, during learning) <br> - Progress monitoring throughout lesson (how can you document <br> your student's learning?) | Summative Assessment (linked back to objectives, END of learning) <br> Students will complete a brief quiz that covers symmetry material <br> (attached below.) |
| Students completed posters of objects with at least one line of <br> symmetry. |  |

Reflection (What went well? What did the students learn? How do you know? What changes would you make?):
The assessment after the lesson later in the week showed that the students mostly understood lines of symmetry. Students that are above proficiency found more than one line of symmetry in some shapes, while other students found one (such as the triangle). Below proficiency students needed more support as expected and were encouraged to fold the objects they found to see how it matches on each side. I found that it was best to have students work in pairs rather than a small group to find the objects with symmetry, as they were less likely to participate with more than one partner.
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## Symmetry

1. Draw the line(s) of symmetry in each object below.

2. Circle how many lines of symmetry are in the shapes below.

a. 2
a. 0
a. 4
b. 6
b. 2
b. 2
c. 3
c. 1
c. 0
d. 4
d. 4
d. 1
3. Draw a shape with a vertical line of symmetry, and a shape with a horizontal line of symmetry.
