EAI EDUCATION

JUMBO! MAGNETIC QuietShape® Attribute Blocks

Jumbo Magnetic QuietShape® Attribute Blocks are engaging, highly visible, easy-to-manipulate, durable, convenient, and fun. The full magnetic backing enables the jumbo attribute blocks to securely attach to any magnetic surface and to bring instant excitement to your lesson.

Set Contains:

Each shape listed below comes in three bright colors (red, blue, and yellow). Set includes a total of 30 blocks. Made of QuietShape® foam, the blocks measure 2¼" to 5¾" in length.

(3) Large Triangles

(3) Small Triangles

(3) Large Circles

(3) Small Circles

(3) Large Squares

(3) Small Squares

(3) Large Hexagons

(3) Small Hexagons

(3) Large Rectangles

(3) Small Rectangles

⚠WARNING:
CHOKING HAZARD - SMALL PARTS.
NOT FOR CHILDREN UNDER 3 YRS.

⚠WARNING:
This product contains (a) small magnet(s). Swallowed magnets can stick across intestines causing serious infections and death. Seek immediate medical attention if magnet(s) are swallowed or inhaled.

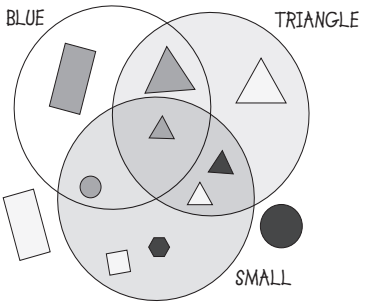
Activities

1. Who's Missing?

Place three shapes on the front board. Remove one without students seeing. Students identify which shape has been removed by describing the attributes of the missing shape. For example, "the small, blue triangle is missing". To extend this activity, place a larger selection of shapes on the board.

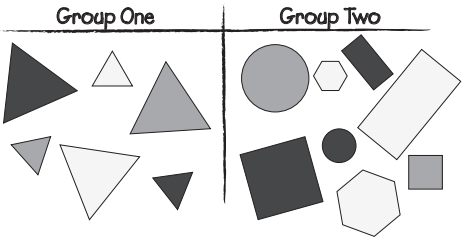
2. Venn Diagram

Draw a large 2- or 3-ring Venn diagram on the board. Ask students to sort the Jumbo Magnetic Attribute Blocks in a variety of ways. See example.

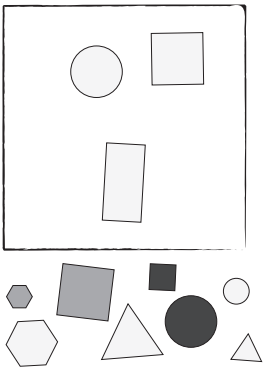


3. Guess My Sort

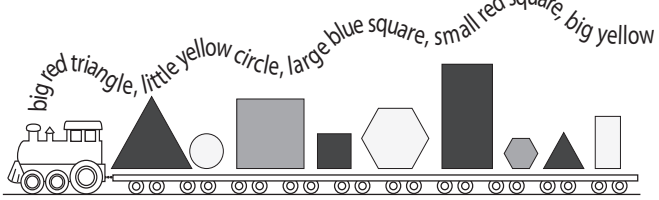
Part A: In this game, students sort by size, color, and shape. Example: A student creates two groups of shapes according to an attribute. A partner then guesses how the shapes are sorted.



Part B: Draw a large square on the board. Place some shapes inside of the square, focusing on a particular attribute. Place the remaining shapes around the outside of the square. Explain that some of the blocks outside the square should be inside the square. Challenge students to find the shapes that need to be moved into the square according to the secret attribute.

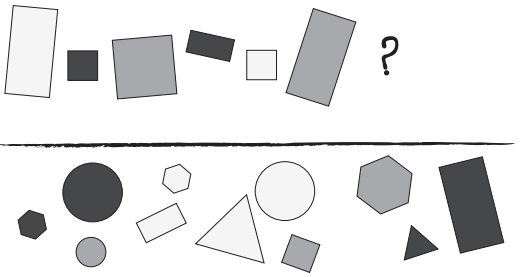


4. Attribute Shape Trains



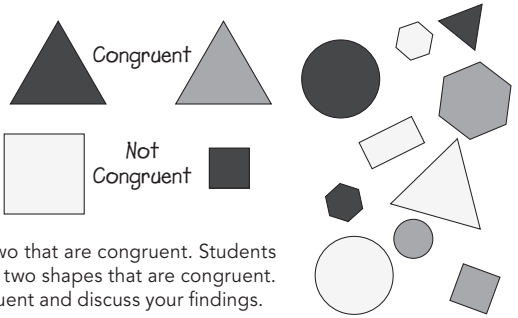
Part A: Place all of the Jumbo Magnetic Attribute Shapes on the board. Draw the engine (first car where the engineer sits) of a train. Next, each student chooses a shape to add to the shape train. The student describes the shape before adding it to the train. For example, "My shape is a large blue square".Once the train is complete, describe a shape and have a student remove it from the train. "Please detach the small yellow triangle". Continue until all "cars" have been removed.

Part B: Place the jumbo attribute blocks on the board. Ask one student to select a shape from the board and describe it. Begin creating a row for the remaining shapes to be placed in. Instruct the next student to select a shape that is different in only one way from the first shape. Ask the student to explain how the new shape is different from the original shape. When the class agrees that there is only one difference between the first and second shape, place the second shape next to the first one. Students continue to choose additional shapes that follow the rule. Change the rule for variations.



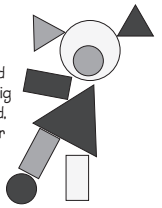
5. *Congruency*

Students determine which shapes are congruent and which are not. This is accomplished by comparing the attribute shapes. Discuss the characteristics that make two of the shapes exactly the same (congruent). Next, place a variety of jumbo attribute blocks on the board, include only two that are congruent. Students then have to locate and identify the two shapes that are congruent. Compare shapes that are not congruent and discuss your findings.

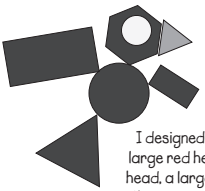


6. *Picture Making*

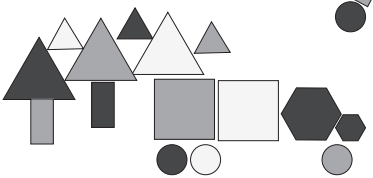
Using the jumbo attribute blocks, construct a design on the board. Discuss the attributes of the shapes used to construct the design. Write a sentence describing the design, using mathematical terms.



I designed a girl playing soccer. I used 1 large red triangle for her dress, 1 big yellow circle for her head, and 3 small rectangles for her arm and legs.



I designed a bird with a large red hexagon for the head, a large red circle for the body, and a small blue triangle for the beak.



I designed a truck using the 2 large squares for the trailer, all 3 small circles for the wheels, and 1 big and 1 little red hexagon for the cab. I designed a forest of trees with all 6 triangles and 2 small rectangles.

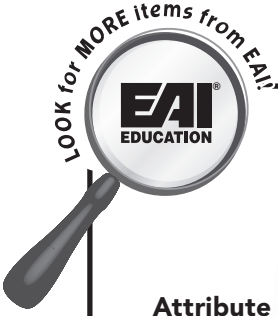
7. *Attribute Riddles*

Have students write riddles that contain clues as to which attribute block they are identifying.

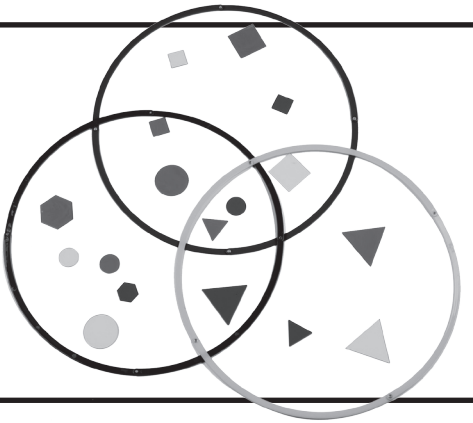
Sample Riddle 1:
I have four sides
but I am not a square.
I am the color of tomato sauce.
I am the opposite of small.
Who am I?

Sample Riddle 2:
I am blue.
I have four sides
I am the opposite of large.
Who am I?

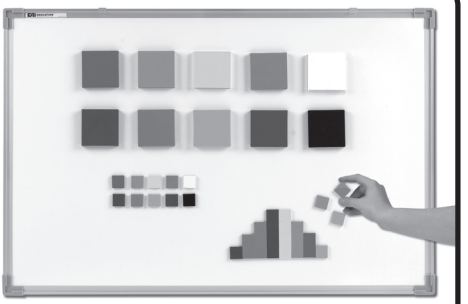
Sample Riddle 3:
I am the third color
of the rainbow.
I have three equal sides.
I am not large.
Who am I?



Attribute Blocks Desk Set
EAI 532856



Grouping Circles
EAI 530242



Jumbo Magnetic QuietShape® Square Tiles
EAI 533068

www.EAIeducation.com

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MADE IN TAIWAN Conforms to ASTM F963-07