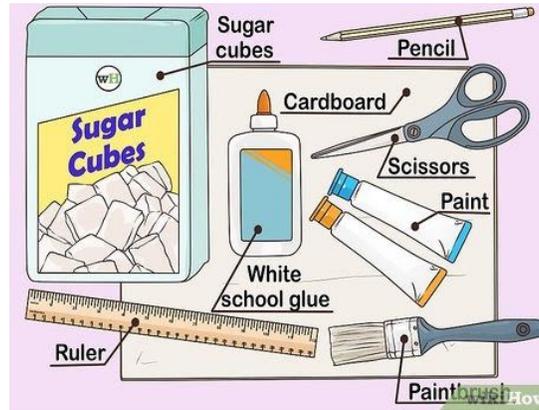


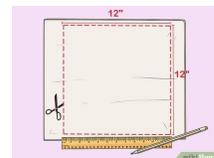
Engineering a Greek Temple Using Sugar Cubes



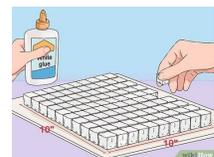
1. **Assemble your supplies.** This simple pyramid looks like a step-sided pyramid, with individual "stones" visible instead of flat sides. It requires just a few household supplies, including:^[20]

- A large box of sugar cubes (around 400 cubes)
- A piece of cardboard
- A ruler
- A pencil
- Scissors
- White school glue
- Paint (sandy brown color)
- Paintbrush

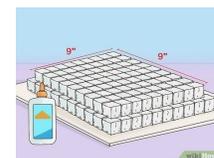
2. **Cut a cardboard square.** Use your ruler and pencil to draw a 12-inch by 12-inch (30.5 cm by 30.5 cm) square. Cut out the square and use it as base for your pyramid.^[21]



3. **Make a sugar cube square.** Create a 10 by 10 square base of sugar cubes in the center of the cardboard square (using 100 sugar cubes total). Glue down each sugar cube using white school glue.¹

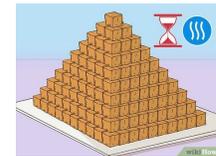
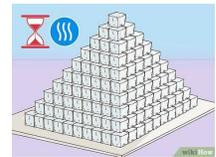


4. **Add the second layer to the pyramid.** Position a 9 by 9 square of sugar cubes in the center of the first layer (using 81 cubes). Glue down each sugar cube.



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5. **Continue adding layers.** Each layer should be 1 cube smaller than the previous layer, so the next layer is 8 by 8 (64 cubes), then 7 by 7 (49 cubes), 6 by 6 (36 cubes), 5 by 5 (25 cubes), 4 by 4 (16 cubes), 3 by 3 (9 cubes), 2 by 2 (4 cubes), and finally a single sugar cube on top.
6. **Let the glue completely dry.** Allow the glue to dry for several hours to ensure all the sugar cubes are firmly in place.
7. **Paint the pyramid.** Use a paintbrush to paint the entire pyramid a sandy brown color. Use only a small amount of paint, and be careful not to damage the pyramid as you go.
8. **Let the pyramid dry.** Allow the pyramid to dry completely overnight. You can then proudly present it at school.



Source: <https://m.wikihow.com/Build-a-Pyramid-for-School?amp=1>

Additional links that might be helpful:

- <http://www.unmuseum.org/bldpyram.htm>
- <http://www.pbs.org/empires/egypt/educators/lesson5.html>