**SPEEDY SQUARES**

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| Group Members |
| Builder | Timer | Recorder/Cube Manager |

**How long would it take you to build a 26 by 26 square out of linking cubes?**

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| Side Length | Time (s) |
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What is the independent variable?

What is the dependent variable?

Create a scatter plot of your data.
Be sure to label your axes.

Does this data look linear or quadratic?

Use a graphing calculator or DESMOS to determine a model for your data. Write your equation below:

Use your equation to find the time needed to build a 26 x 26 square. Make your thinking visible.