Building a Skyscraper

**Basic and Starter Shapes**

Use these illustrations to build basic and "starter" shapes. Once you know how to build these basic shapes, you will be able to build anything your imagination allows! Remember, not all kits have every kind of connector. Check the description to the right to see which connectors are included in this kit.

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**Building a Skyscraper**

**Base**

**Base Assembly**

**Walls**

**Roof**

**Roof Tower**

**Post Attachment 1**

**Wall Attachment 1**

**Post Attachment 2**

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**Single Plane Matrix**

Using 2-way connectors

**Cube**

Using 2-way and 90° connectors

**Hub**

Using 2-way connectors

**Extra Strength**

By doubling connectors you can strengthen any connection. (This shows two 4-way connectors.)

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**Coins needed to build your skyscraper:**

(52) 2-way coins

(28) 90° coins

**Coinstruction connectors needed to build your skyscraper:**

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**8 Base Assembly from Step 1b**

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**4X 3-way connectors**

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**4 8-pennies**

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**16 4-pennies**

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**32 pennies**

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**B Base Assembly from Step 1b**

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**B Base Assembly**