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.

Building a Biplane

**STEP 1: Tail Assembly**

Connect the three rudders to the left, right, and top-back of the tail assembly as shown.

**STEP 2: Rudder Assembly to Tail**

Connect the three rudders to the left, right, and top-back of the tail assembly as shown.

**STEP 3: Wing Assembly**

Coin construction connectors needed to build your biplane:

- (51) 2-way connectors
- (2) nickels
- (75) 90° connectors
- (35) 4-way connectors

Extra Strength

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

**Coins needed to build your biplane:**

- 8 pennies
- 3 pennies
- 44 pennies

**Number of coins needed to build your biplane:**

- 51 pennies
- 2 nickels
- 75 coins
- 35 connectors
STEP 4  
Connect Tail Assembly to Wing Assembly

STEP 5  
Connect Tail Assembly to Wing Assembly

STEP 6  
Connect Propeller Assembly to Wing Assembly

STEP 7  
Wheel Assembly

Propeller Assembly

Wing Assembly

Tail Assembly with Rudders

Connecting two 2-way connectors to the pennies in the wing assembly as shown.

Connecting these two pennies to the 90° connectors on the wing assembly as shown.

Connecting these two 2-way connectors to the pennies in the wing assembly as shown.

Building a Biplane
Ages 5+

EI-4039

Build more fun with these additional Coinstruction kits.

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Please retain this information.

EI-4028 Robot  
Kit includes over 400 pieces

EI-4026 Helicopter  
Kit includes over 200 pieces

EI-4041 Skyscraper  
Kit includes over 100 pieces

EI-4030 Castle  
Kit includes over 600 pieces