

Ages 6 to 106!



Dream It - Build It

Welcome to the Swivel-Snaps® family! We hope you enjoy hours of educational fun, play, and exploration with Swivel-Snaps®. The possibilities are as vast as your imagination - get creative!

Once you have the hang of it, we encourage you to visit our social media websites to see what others have built, watch instructional videos, or just to connect with fellow swivelers!

We are excited to see what you dream, then build!

**Swivel-Snaps.com**

-  facebook.com/swivelsnaps
-  twitter.com/swivelsnaps
-  instagram.com/swivelsnaps
-  youtube.com - swivel-snaps® channel

U.S. PATENT: 9,669,324  
INTERNATIONAL: ISSUED AND PENDING

"Swivel-Snaps" is a Registered Trademark with the United States Patent and Trademark Office (USPTO). International trademarks issued and pending

 **WARNING:**  
CHOKING HAZARD - Small Parts.  
Not for children under 3 years.



**STEM**  
Science • Technology • Engineering • Mathematics

Ages 6 to 106!



### Creative Construction Set 102B

1 Separate Pieces Flat (2D) Layout

2 "Snapped" Together Flat (2D) Layout

3 "Swiveling" in 3D

4 "Clicked" Together to Create 3D Object

Use Your **IMAGINATION** to Create **Hundreds** of Things!

This Booklet Shows Just a Few!

## What Can You Build?

### Geometric Solids!

Solid geometric shapes have inspired some of the greatest minds throughout history, and have shaped the world in which we live.

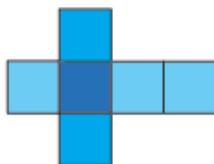
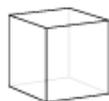
Now you can build them yourself with Swivel-Snaps®!

(For easy viewing, figures shown without hinge connectors.)

### Platonic Solids

Named after the ancient Greek philosopher Plato, these have all faces of the same shape and size, edges of all the same length, and the same number of edges at every vertex.

Cube



Tetrahedron



Octahedron



Icosahedron



## What Can You Build?

### Pyramids

Triangular sides and a base of three or more sides.

Triangle Base Pyramid

For equilateral triangles, this is a tetrahedron. See Platonic solids.

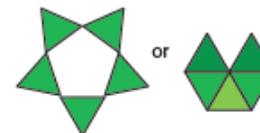


Equilateral Square Base Pyramid

Pentagonal Base Pyramid



(Base Not Included)



or

### Archimedean Solids

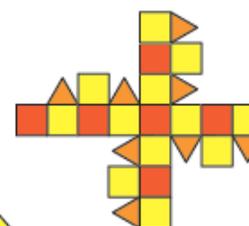
Named after Archimedes, another ancient Greek philosopher, these are the same as Platonic solids except there are two different face types.

Cuboctahedron

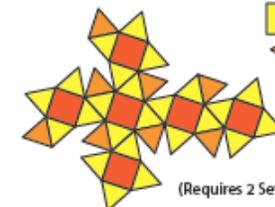


(Requires 2 Sets)

Rhombicuboctahedron



Snub Hexahedron



(Requires 2 Sets)

## What Else Can You Build?

### Containers!

Bowls, balls, boxes, baskets, tubes, or any other custom container to hold other toys or things.



### Toys!

Rockets, rocket launch pads, toy car bridges, toy train bridges, toy animals, fences, mazes, doll houses, doll furniture, spinning things (string required), boats, submarines, towers, and more!



### Art & Learning Tools!

Artwork, mobiles, 2D and 3D patterns, 2D and 3D letters for spelling, 2D and 3D numbers for math, geometric shapes and patterns.

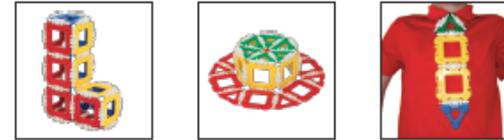


[Swivel-Snaps.com](http://Swivel-Snaps.com)

## What Else Can You Build?

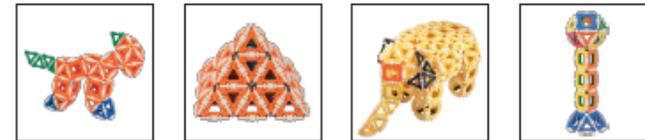
### Things You Can Wear!

Hats, crowns, boots, sashes, belts, vests, ties (string required), and masks.



### Combine Sets & Go BIG!

With more than one Swivel-Snaps® Creative Construction Set, you can build bigger and better things.



### Coming in the Future!

Stay tuned for future Swivel-Snaps® sets that will enable new and exciting creations! We are currently working hard on new parts and accessories to make the building experience even more fun & educational. **Coming soon:** wheels and axles for Swivel-Snaps® cars and trucks, and parts that 'snap' into the center of your existing triangle and square parts.



[Swivel-Snaps.com](http://Swivel-Snaps.com)