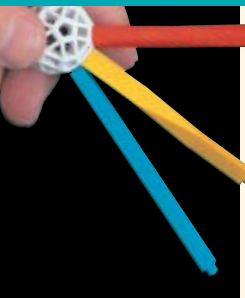


# Start with these Building Tips



## The Color & Shape of the Struts Point the Way!

Each Zome System strut connects to holes of matching shapes. Blue struts fit only into rectangular holes, yellow struts into triangular holes and red struts into pentagonal holes. This makes it easier to build even complex models.

## It's OK to Bend the Struts.

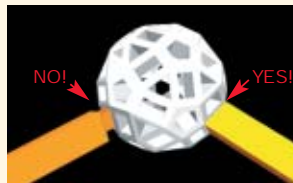
Sometimes, to fit a strut into a tight spot, you'll need to bend the strut slightly between your fingers before you insert it. Make sure that



nearby connections are tight, then place the stub of one end into a hole, and bend until the other end pops in.

## Always Tighten the Connections as You Build.

Make sure each stub goes all the way into the hole, with the shoulder of the strut tight to the face of each node. Keep tightening up all the parts of your model as you go. Keep your hands close together, always applying pressure along the length of the struts.



## Now, Get Into the Zome in a BIG WAY!



### ◀ Explorer Kit

484 Pieces means a whole lot of fun, packed into a neat attaché. The Explorer Kit lets you build much bigger, more amazing structures than you might believe possible!



### ◀ Creator Kit

968 Pieces makes The Creator Kit a powerful tool for serious structure builders. It's used by architects, mathematicians, chemists — and just for fun — around the world.

To find out where to get more information and parts, call 1-888-ZOMEFUN and visit us at [www.zomesystem.com](http://www.zomesystem.com)!

Build it BIG!  
Build it Fast!

**ZOME**  
STRUCTURES

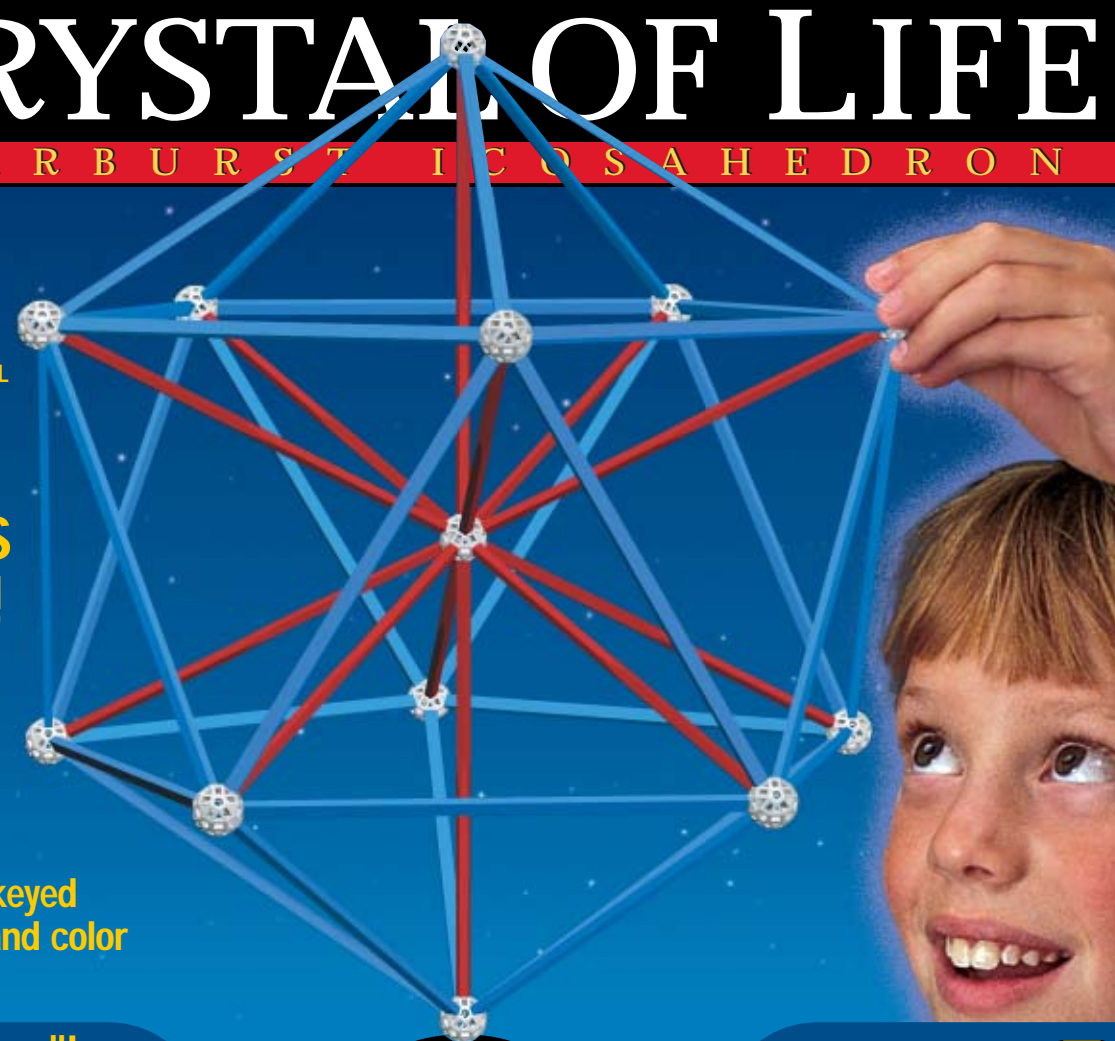
Ages 6 to Adult

# CRYSTAL OF LIFE

STARBURST ICOSAHEDRON

BUILDS A MODEL

**15**  
INCHES  
HIGH!



Parts are keyed  
by shape and color  
— it's easy!

Collect them all!

All Zome System Pieces are Made in America.  
Packaging 100% postconsumer recycled plastic.

ZOME

**55**

PIECES

Warning: Swallowing Danger  
CONTAINS SMALL PARTS that are NOT  
suitable for children under 3 years of age.













# CRYSTAL OF LIFE

Is it a crystal, or a life form? Build the icosahedral structure of a virus, which can lie dormant like a speck of dust for thousands of years, then spring to life and reproduce itself a million times. The icosahedron is one of the five perfect 3-dimensional forms called Platonic solids. It is also the underlying structure of the geodesic dome. Turn the finished model in your hands, and you can see three different axes of symmetry. (See rotated views, far right.)

## PARTS INVENTORY

The Crystal of Life Structures Kit contains 55 Zome Pieces, with 13 Zome Balls and 42 Struts in the indicated lengths (short, medium or long) and colors (blue, yellow or red) shown below.

- 13 
- 0  S
- 0  M
- 30  L
- 0  S
- 0  M
- 0  L
- 0  S
- 0  M
- 12  L

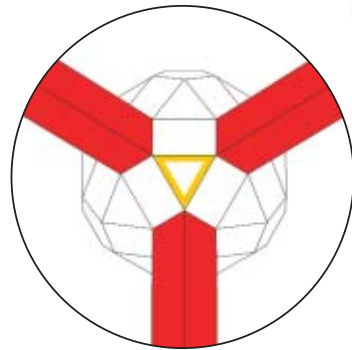
## INSTRUCTIONS

**BEFORE YOU BEGIN, READ THE BUILDING TIPS ON THE BACK PAGE.**

Above each step, you'll find the number, length, shape and color of Struts you need for that step. Place Zome Balls at all positions indicated. On some steps you **rotate** a structure first, then add new parts.



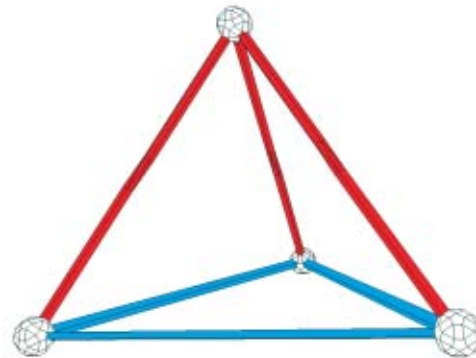
**1** 3  L



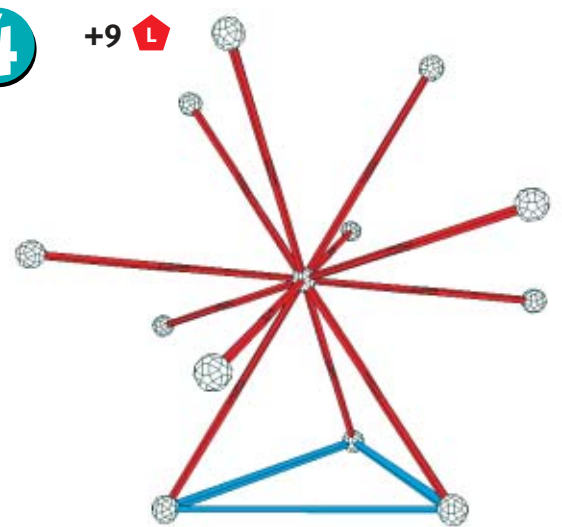
**2**



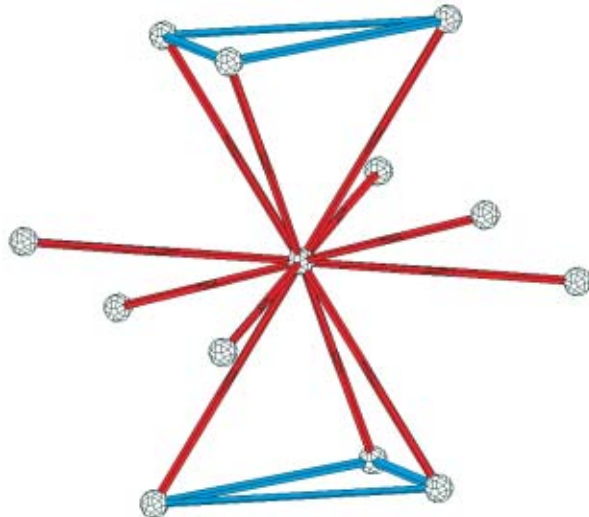
**3**  +3  L



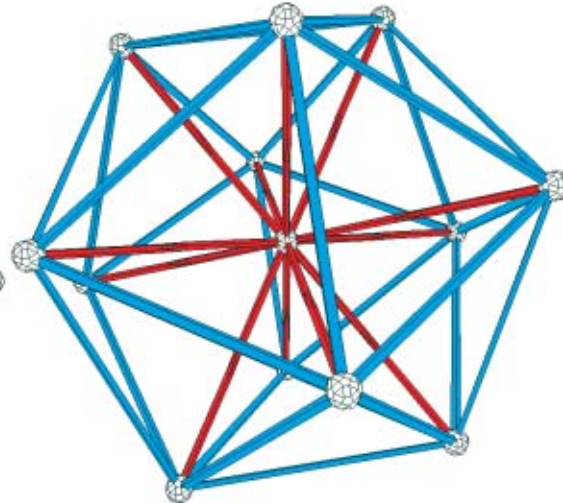
**4** +9  L



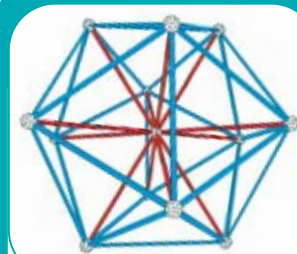
**5** +3  L



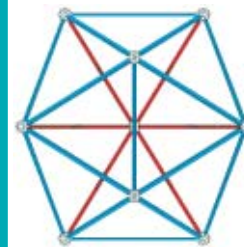
**6** +24  L



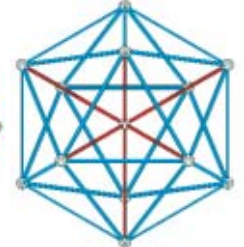
To find out where to get more information and parts, call 1-888-ZOMEFUN and visit us at [www.zomesystem.com](http://www.zomesystem.com)!



◀ This is the finished view of your Crystal of Life. Now see if you can rotate your model to see these remarkable views:



2-fold view



3-fold view



5-fold view