



## Building Guide

### Construction Sets

Any construction set with small pieces should work well for this activity. Each group should have 30-50 pieces to work with – either generic sets or kits to build specific structures. Suggested items from two popular toy manufacturers are listed below:

**Lego** – <http://www.lego.com>

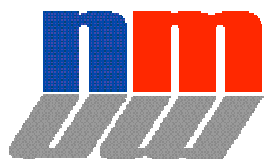
Set Name	Price	Product ID
Maverick Storm	\$3.99	4583
Maverick Sprinter & Hot Arrow	\$6.99	4594
Zero Hurricane & Red Blizzard	\$6.99	4593
Zero Tornado & Hot Rock	\$6.99	4595
Alpha Team Robot Diver	\$3.99	4790
Alpha Team Sub-Surface Scooter	\$6.99	4791
Ice Surfer	\$4.99	6579
Mono Jet	\$3.99	7310

Building instructions for other structures – <http://www.lego.com/build/bi/default.asp>

**K'Nex** – <http://www.knex.com>

Set Name	Price	Product ID
Fun Set	\$9.99	11541
Fun Set #2	\$12.99	11547
10 <sup>th</sup> Anniversary Tub	\$24.99	12028
20 Model Building Set	\$24.99	12030
30 Model Building Set	\$34.99	13049
50 Model Building Set	\$59.99	15109
400 Piece Value Tub	\$29.99	34117

Lincoln Logs and similar toys or marshmallows and toothpicks could also be used for this activity.



*The Nanotechnology Activity Guides are a product of the*

*Materials Research Science and Engineering Center and the*

*Internships in Public Science Education Project of the University of Wisconsin – Madison.*

*Funding provided by the National Science Foundation.*

