

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
10 th Anniversary Tub	\$24.99
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.



The Internships in Public Science Education program (ipse@chem.wisc.edu) is funded by a grant from the National Science Foundation. This program is a collaboration between the University of Wisconsin Materials Research Science and Engineering Center on Nanostructured Materials and Interfaces and the James Lovell Museum of Science, Economics & Technology in Milwaukee, Wisconsin All materials are copyright © 2002 The Board of Regents of the University of Wisconsin System