



# ARCHIE'S MATH RESOURCES LIST

## FOR "VOLUME CUBES" EXHIBIT

● Manipulatives ● Activities ● Games ● Posters ● Worksheets ● Downloads & Freebies



### CREATE YOUR OWN BUILD-A-BIGGER-CUBE EXHIBIT WITH THESE 2" WOODEN CUBE MANIPULATIVES

Available from CRAFT PARTS DIRECT

[www.craftparts.com](http://www.craftparts.com)

These are the wooden cubes used in the Archie's Math exhibit. These hardwood cubes come sanded and ready to paint if desired. The majority of our cubes are painted white, with a few painted yellow. We painted ours to visually show the size of one unit (yellow) when there are many units. These cubes explain how volume increases exponentially when you double or triple the width and the height. This fun, visual, and hands-on manipulative will help your students quickly understand volume.

### BUILD AND LEARN VOLUME KIT

Available from LAKESHORE LEARNING

[www.lakeshorelearning.com](http://www.lakeshorelearning.com)

Kids find the volume of rectangular prisms and rectilinear figures with these durable manipulatives that provide tons of hands-on experience! Helps to develop skills in measurement and data, recognizing volume, measuring volume, volume and operations, and real-world problems and problem solving.

Kit comes with 160 wooden cubes, plus 20 kid-friendly activity cards. Simply set the kit in your classroom or math center and let your kids select an activity card...then watch as they uncover volume concepts by building and deconstructing shapes. Best of all, kids just flip the cards to check their own answers!

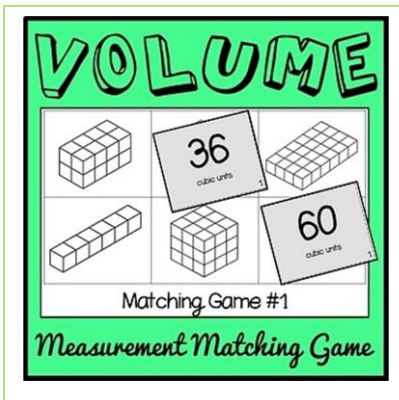


### VOLUME MATCHING GAME

Available from TEACHER'S PAY TEACHERS

[www.teacherspayteachers.com](http://www.teacherspayteachers.com)

This fun game will have students finding volume of rectangular prisms in a fun and engaging way. Includes guide, 10 unique matching games, 60 cards and an answer key. Game can be used whole group, small groups or for partner work. Digital download. Grades 4-5-6.

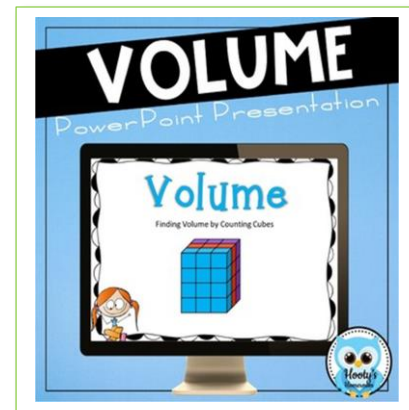


### VOLUME TEACHING POWER POINT

Available from TEACHERS PAY TEACHERS

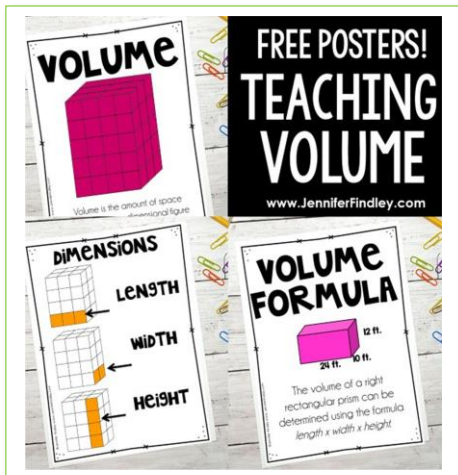
[www.teacherspayteachers.com](http://www.teacherspayteachers.com)

Need a resource for teaching your students how to find volume? This classroom activity is designed for students new to the concept of finding volume. Students follow the simple steps to count cubes that cannot be seen. Grades 2 thru 5. Instant digital download.



## TEACHING VOLUME POSTERS

Available from **TEACHING WITH JENNIFER FINDLEY**  
[www.jenniferfindley.com](http://www.jenniferfindley.com)

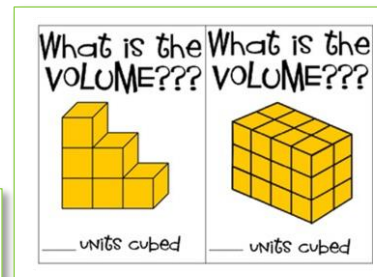
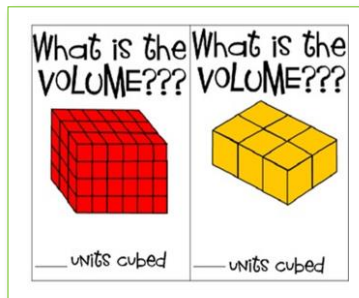


This poster download includes 3 huge posters explaining Volume, Formula & Dimensions, 2 related worksheets and a fun activity idea. Posters can be printed as large as 24" x 36"! Also available thru website for Teachers Pay Teachers. Free instant download.

## VOLUME TASK CARDS

Available from **TEACHERS PAY TEACHERS**  
[www.teacherspayteachers.com](http://www.teacherspayteachers.com)

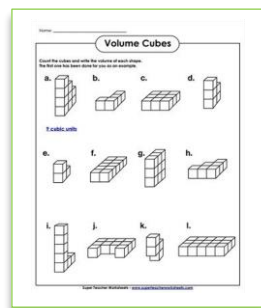
Task cards can be used to introduce students to, or enrich student skills, as they learn about volume



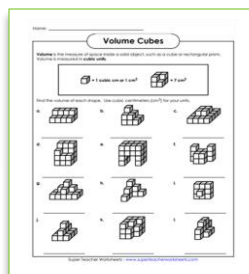
For grades 3, 4, and 5.  
This five-page task card set is available as a PDF for instant download.

## VOLUME WORKSHEETS!!

Available from **SUPER TEACHER**  
[www.superteacherworksheets.com](http://www.superteacherworksheets.com)



A great resource for volume worksheets to help kids understand the volume of shapes built with cubes.

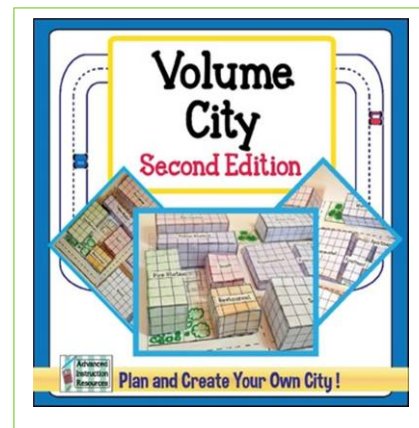


Worksheet options for volume work are available for all grades 2<sup>nd</sup> thru 6<sup>th</sup>.

## VOLUME CITY ACTIVITY PROJECT

Available from **TEACHERS PAY TEACHERS**  
[www.teacherspayteachers.com](http://www.teacherspayteachers.com)

This volume math skills activity project helps your students plan and build their own city and improve their volume math knowledge at the same time. Students will discover how rectangular prisms are constructed and place them in appropriate places. Students will also explore how grids can help identify the length, width and height of rectangular prisms. Students will find the volume of each building and create a city that is only limited by their imaginations!



## RESOURCES/DOWNLOADS/FREEBIES

[www.teacherspayteachers.com](http://www.teacherspayteachers.com) Sorting options make shopping easy. Products include worksheets, activities, projects, printables, and more. Math-focused offerings are substantial. Instant digital downloads at very reasonable prices. This site offers the largest selection of Volume Cube-focused materials on the web. A super resource!

[www.hand2mind.com](http://www.hand2mind.com) Great source for all things Math! Extensive math manipulative offerings, including volume, covering all elementary grades are available. A good source for math-focused teacher and classroom materials.

[www.craftparts.com](http://www.craftparts.com) This is a great source for all kinds of raw materials that can be used as teaching aids. Items are packaged in a wide range of quantities so you can get exactly what you need at good prices.

[www.lakeshorelearning.com](http://www.lakeshorelearning.com) In addition to many options for teaching volume, this site has great product offerings with a broad range of math-focused teaching materials. Everything from manipulatives to games. Grade levels K-6.

[www.jenniferfindley.com](http://www.jenniferfindley.com) This teacher-created site offers many Volume Cube focused teaching aids. She offers coordinating packets of materials as well as great free digital downloads. She also has a site on Teachers Pay Teachers website.

[www.superteacherworksheets.com](http://www.superteacherworksheets.com) Wide math-focused product line. Categories cover all Archie's Math exhibit subjects. Easy to sort and search. Digital downloads and freebies galore!

[www.teachercreated.com](http://www.teachercreated.com) Offers a wide assortment of teachers aids including math games, charts, learning cards, posters, etc. Also offers a number of free teacher resources for lessons, activities and more. Grade levels K thru 6.

[www.LearningResources.com](http://www.LearningResources.com) A wide offering of classroom aids for teaching geometry-focused math including manipulatives, activities, and more. Easy shopping...sort by age, grade or subject. Many other math-focused subjects offered.

# VOLUME CUBE RESOURCE SHEET – Cost Information

TEACHERS  
RESOURCE  
PROGRAM

[www.archiesmath.org](http://www.archiesmath.org)



## SIDE #1:

<u>ITEM DESCRIPTION</u>	<u>Listed Internet Price</u>	<u>Source</u>
(1) 2" Wooden Cubes (pack of 50)	\$52.10	<a href="http://www.craftparts.com">www.craftparts.com</a>
(2) Build and Learn Volume Kit	\$39.99	<a href="http://www.lakeshorelearning.com">www.lakeshorelearning.com</a>
(3) Volume Measurement Matching Game	\$4.00 digital download	<a href="http://www.teacherspayteachers.com">www.teacherspayteachers.com</a>
(4) Volume Teaching Power Point	\$2.00 digital download	<a href="http://www.teacherspayteachers.com">www.teacherspayteachers.com</a>

## SIDE #2:

(5) Teaching Volume Posters	Free digital download	<a href="http://www.jenniferfindley.com">www.jenniferfindley.com</a>
(6) Volume Task Cards	\$3.00 digital download	<a href="http://www.teacherspayteachers.com">www.teacherspayteachers.com</a>
(7) Volume Worksheets	Free download w/\$24.95/yr. membership	<a href="http://www.superteacherworksheets.com">www.superteacherworksheets.com</a>
(8) "Volume City" Activity Project – Second Edition	\$5.00 digital download	<a href="http://www.teacherspayteachers.com">www.teacherspayteachers.com</a>

### NOTE:

In researching manipulatives and learning aids for this Teachers Resource Program we selected items that dovetailed with the Archie's Math exhibits that students and teachers would have experienced at an Archie's Math event. We also kept in mind the cost outlay to teachers and schools. We found in our research that in many cases there were similar products to choose from, and in varying price ranges. To find additional options than those shown on the Research Sheet be sure to check the "**Resources/Downloads/Freebies**" section at the bottom of each resource sheet for more internet sites offering cost effective teacher aids, activities and worksheets on that subject.