VOLUME



science • technology engineering • math • sports

VOLLEYBALL

Module 1.1 The Volleyball Court

GRADES 3rd – 5th



What Do You Need?

Supplies Provided

Worksheets, Tape

Measures and Masking Tape

Materials Needed

Plain Paper cut to 18x18 inches and Pencils





Test Your Knowledge

Have your students take this lesson's assessment prior to engaging by visiting: <u>https://stemsports.com/assessments/</u>. If you have limited digital capability, please email Info@STEMSports.com to access the Assessment & Key.





How many 18x18 inch tiles make up a volleyball court?



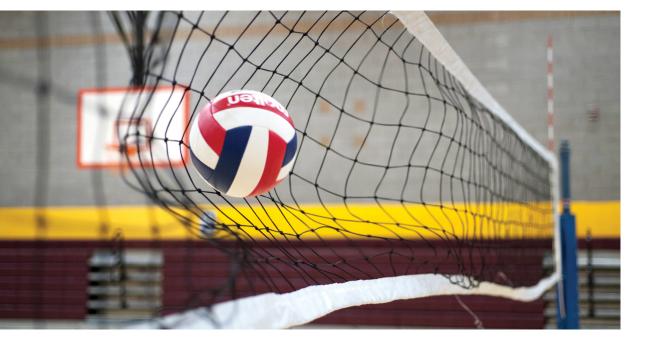




Based on your prediction, test your estimate on a volleyball court or scaled diagram.







If the space was larger, would you still count tiles or apply a calculation?





Using the <u>worksheet</u>, measure the perimeter and the area of all polygons.





What about the dimensions of the net? Use your experience and knowledge to calculate.







What Did You Learn?

Have your students retake this lesson's assessment to effectively evaluate their comprehension by visiting: <u>https://stemsports.com/assessments/</u>. If you have limited digital capability, please email Info@STEMSports.com to access the Assessment & Key.







Challenge Yourself!

Use multiple units to convert your experimental findings.





What is your Dream Job?

STEM Jobs in Sports

- Director of Facilities
- Systems Engineer
- Stadium/Arena Architect
- Youth Sports Administrator
- Engineer Technician





To access Worksheet Keys, please visit www.STEMSports.com/digitaltools



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