

STEM
sports[®]

science • technology
engineering • math • sports

BASKETBALL

Module 1.1

Basketball Measurements

GRADES 3rd – 5th

MODULE
1.1

GRADES
3-5

What Do You Need?

Supplies Provided
[Worksheets](#) and Tape
Measures

Materials Needed
18 x 18 Pieces of
Paper and Pencils

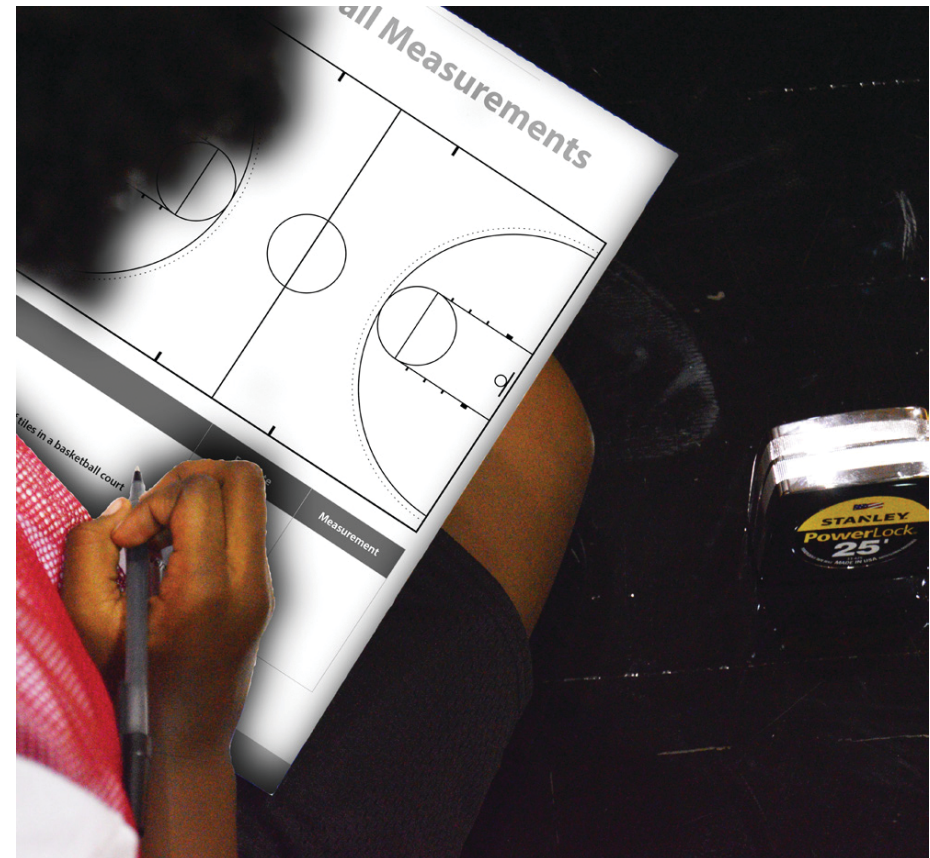


Test Your Knowledge

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

Engage

Make a prediction and measurement of a basketball court.



Explore

Use your math skills on
the basketball court to
confirm your estimate.

Explain

Learn how to measure a large space easier by its perimeter.

Elaborate

Use your tape measure and the [worksheet](#).



Evaluate

Find the area and perimeter of the different court sizes at each level on the [worksheet](#).



What Did You Learn?

Have your students retake this lesson's assessment to effectively evaluate their comprehension by visiting:

<https://stemsports.com/assessments/>. If you have limited digital capability, please email Info@STEMSports.com to access the Assessment & Key.



Extend

Challenge Yourself!

There are a few important circles on a basketball court. Try to find their measurements.



What is your Dream Job?

STEM Jobs in Sports

- Basketball Analyst
- Director of Facilities and Operations
- Stadium/Arena Designer
- Building Engineer
- Basketball Court Manufacturer

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