Sep 14th | Sep 15th | Sep 16th | Sep 17th | Sep 18th

8th Grade Math

Pythagorean Theorem

Standards

CCSS.Math.Content…
Understand and apply the Pythagorean Theorem.
Arkansas

Objective
Today's Goal- I can record the data for right triangles, look for patterns, and
describe any relationships among the parts of the figure.

Vocabulary
Right triangle, legs, hypotenuse, Pythagorean Theorem, square, square root, irrational number

Bellringer
Warm-Up (5 mins) Grab your portfolio from your assigned space and complete your reflection journal for today's goal. Remember you only write the goal and rate your understanding of the goal at this moment.

Procedure
(20 mins) Pythagorean Triples, record the data for the right triangles you discovered. Look for patterns in the
data. Describe below any relationships among the parts of the figure.

Files

Pythagoreantriples_handout (4).doc

Extend
IXL Pythagorean Theorem Word Problems

Evaluate
The Pythagorean Theorem and Baseball

Files

Pythagoreantriples_handout (4) (2).doc

Accommodations & Modifications
Reduced assignment and extended response time.

Reflections
Reflection Journal (5 mins) Complete your "My Goal Understanding"
reflection and rate yourself . Place in your portfolio and put your portfolio in the assigned

8th Grade Math

Pythagorean Theorem

Standards

CCSS.Math.Content…
Understand and apply the Pythagorean Theorem.
Arkansas

Objective
Today's Goal-I can find the length of the hypotenuse.

Vocabulary
Right triangle, legs, hypotenuse, Pythagorean Theorem, square, square root, irrational number

Bellringer
Warm-Up (5 mins) Grab your portfolio from your assigned space and complete your reflection journal for today's goal. Remember you only write the goal and rate your understanding of the goal at this moment.

Procedure
(20 mins) Use the pythagorean theorem to find the third side of each triangle. Practice

Extend
IXL Can you find the length of the hypotenuse?

Evaluate
Exit Slip: Pythagorean Theorem

Accommodations & Modifications
Reduced assignment and extended response time.

Reflections
Reflection Journal (5 mins) Complete your "My Goal Understanding"
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8th Grade Math

Pythagorean Theorem

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Extend
IXL Can you find the length of the hypotenuse?

Evaluate
Exit Slip: Pythagorean Theorem

Accommodations & Modifications
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Reflections
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reflection and rate yourself . Place in your portfolio and put your portfolio in the assigned space.

8th Grade Math

Distance in the Coordinate Plane

Standards

CCSS.Math.Content…
Understand and apply the Pythagorean Theorem.
Arkansas

Objective
Today's Goal-I can calculate the distance (d) between the two points (length of the hypotenuse) using the Pythagorean Theorem.

Vocabulary
Right triangle, legs, hypotenuse, Pythagorean Theorem, square, square root, irrational number

Bellringer
Warm-Up (5 mins) Grab your portfolio from your assigned space and complete your reflection journal for today's goal. Remember you only write the goal and rate your understanding of the goal at this moment.

Procedure
(20 mins) Use the pythagorean theorem to calculate the distance (d) between the two points (length of the hypotenuse).

Files

Distance Between Two Points Worksheet1.pdf

Extend
IXL Can you find the length of the hypotenuse?

Evaluate
Exit Slip: Pythagorean Theorem

Accommodations & Modifications
Reduced assignment and extended response time.

Reflections
Reflection Journal (5 mins) Complete your "My Goal Understanding"
reflection and rate yourself . Place in your portfolio and put your portfolio in the assigned space.

8th Grade Math

No School

Standards

Objective

Vocabulary

Bellringer

Procedure

Extend

Evaluate

Homework

Accommodations & Modifications

Reflections

space.