

LESSON TITLE_PYTHAGORAS

TIME [in 30 minutes
minutes]

OVERVIEW_Teacher with students enter the World of Pythagoras thru Google earth.
Fasten seat belt

SUBJECT/TOPIC_PYTHAGORAS THEOREM

AGE LEVEL_12,13,&14yrs



Learning Objectives The students achieve the skill of analyzing Pythagoras Theorem.
Students derive the formula Pythagoras Theorem through the hidden story.

Inquiry .Discovery of Pythagoras Theorem



Materials Needed __ Google link
Sums based on Pythagoras theorem
Solving Pythagoras theorem & it's application



Lesson Summary [Brief description of each part of the lesson.]

- Engage: Teacher discuss the great Greek mathematician Pythagoras. his childhood and education
- Explore: Teacher organizes students in to small groups to share & derive the first hypothesis.
- Explain: Through the hypothesis from students teacher derive the Pythagoras theorem & Pythagorean Triplets
- Revise: Students with various problems solved develop solving systematically
- Apply: Students use findings to draw conclusions and generate solution to a problem.



Sustainable Development Goals

To achieve the problem solved by students



systematically.□□□□□.



Culminating Task/Assessment [One sentence describing how student mastery of learning objectives will be assessed.]

Solving different sums to prove Pythagoras Theorem.



Textbook Chapter [How is this lesson plan related to the student's textbook? Which chapter and which lesson is covered here?]**Application of Pythagoras Theorem in STD 8,9_10th**

Credits

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