

Project Number: 2021-1-ES01-K220-SCH-000034434

PR2.A - TEACHING SOURCES

Duration 1 session Age Group 14 − 15 YO Dimension of the advised group of students The whole class divided into groups. Area □ Area 1: Reading, writing and literature ⋈ Area 2: Math □ Area 3: Second language learning □ Area 4: Sciences □ Area 5: Soft skills Specific objectives Make students actively involved in the learning process Make mathematics more appealing to the students Enhance concentration skills Learn about the importance of team working Interactive way of teaching A more substantial understanding of the concept being negotiated	
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Needed Materials Computer, notebook, pen.	
Software The activities are onsite.	
Description With this micro-experiment, students have the opportunity to study th	ie
relationship between trigonometric numbers of alternate angles.	
Procedure on how We ask students to answer the following questions:	
to put in practice 1) a)Find the value of angle ω when point M has coordinates (2,2)	
b) Find the value of the angle ω when point M has coordinates (-2,2))
c) What is the relationship between the two angles?	
2) a) What is the relationship between the sine of the two angles?	
b) What is the relationship between the cosines of the two angles?	,
c) What is the relationship between the tangents of the two angles?	
3) Repeat the calculations for points A(2,3), A'(-2,3), B(-2,1), B'(2,1), C 4) Formulate a rule	(3,4), C (-3,4)
Students work divided into groups. At the end the class as a whole, for	rmulates the
final conclusion.	ווומועונט נווכ
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