
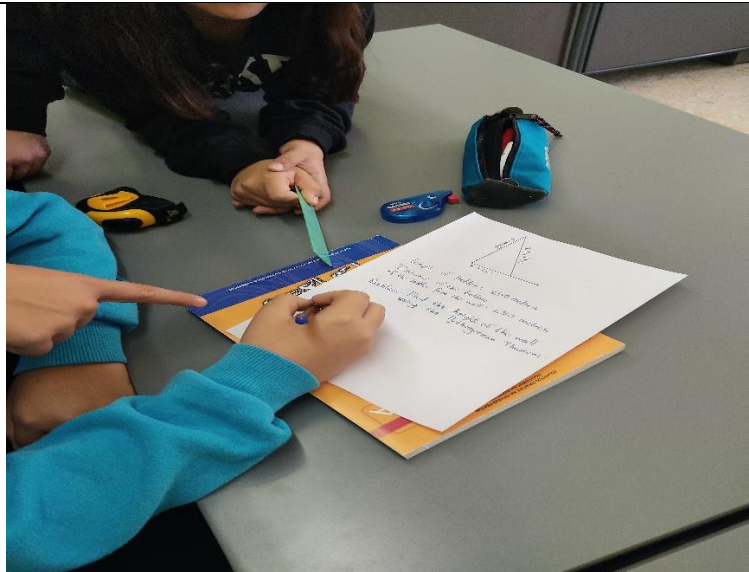


<b>Topic</b>	Maths
<b>Name</b>	The Pythagorean Theorem in everyday life
<b>Age</b>	Any age
<b>Duration</b>	15minutes
<b>Objectives</b>	<ul style="list-style-type: none"> <li>-Applying Maths in real life</li> <li>-Being able to combine knowledge with practical matters</li> <li>-Practising Maths</li> <li>-Enriching knowledge</li> </ul>
<b>Equipment</b>	<ul style="list-style-type: none"> <li>-a calculator</li> <li>-a piece of paper</li> <li>-a pen</li> <li>-a tape measure</li> </ul>
<b>Description</b>	<p>The aim is to find what the height of the wall is.  We count the length of the ladder and the distance from the bottom of the ladder to the wall. We use this measurement and the Pythagorean theorem to find the solution.</p> 





**Comments**

Students can understand that through this Theorem they can solve problems of everyday life.

For example,

-if we want to take down heavy items from a block of flats, we must use a belt. Using the Theorem, we can find out the length of the belt we will need.

-if we want to find the distance from the one side of a lake to the other, we can draw a rectangular triangle and knowing the two sides we can calculate the distance.