

**Common Teaching Unit plan
(structure and contents)**

"Apps4EL – Mobile Applications for Effective Learning"
Erasmus+ KA2 Project number: 2016-1-DE03-KA219-

Name of school	Parkschule Stadtbergen
Theme of the lesson	Measuring and drawing of angles
Pupils' age range	11-13
Timeline	0:45
Objectives	<ol style="list-style-type: none"> 1. pupils exercise to measure angles 2. pupils exercise to draw angles
methods	<p>Students use the following two links to get training in measuring and drawing angles with automated feedback by the programme.</p> <p>Links:*</p> <p>measuring: http://www.realmath.de/Neues/Klasse6/winkel/winkelmessen.html</p> <p>drawing: http://www.realmath.de/Neues/Klasse6/winkel/winkelzeichnen.html</p> <p>*these applications are based on "GEOGEBRA" and deliver automated feedback. The pupils can collect points on correct answers which involves higher motivation</p>
Materials	Each student needs to use a PC (maybe two students on one PC)
Used Apps	http://www.realmath.de/Neues/Klasse6/winkel/winkelmessen.html http://www.realmath.de/Neues/Klasse6/winkel/winkelzeichnen.html
Assessment	<p>Assessment is possible through collecting points in the programme.</p> <p>Measuring and drawing angles is a basic skill which is needed for all geometrical constructions. Therefore it will be tested in the next test where the students have to construct different triangles.</p>
Remarks	<p>The webpage "www.realmath.de" offers a wide range of different exercises in Maths. But unfortunately only in German ☹</p>