

**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	Geometry - Constructions
Pupils' age range	12 - 15
Timeline	Implementation of 1-5 lessons, related to constructions in geometry
Objectives	<ol style="list-style-type: none"> 1. Working/Improving in geometry 2. Learning to use the possibilities of Geogebra 3. Constructions under another perspective – opening mind
methods	<p>Teacher is introducing the app in one lesson</p> <ul style="list-style-type: none"> - Students have the chance to work with Geogebra and find out the functions - Easy isolated constructions, for example a bisecting, verticals, circles... <ol style="list-style-type: none"> 2. Students get construction orders <ul style="list-style-type: none"> - working with Geogebra - students save results with a screenshot <ol style="list-style-type: none"> 3. Results get printed or saved on google drive
Materials	Laptops, PC or Tablets
Used Apps	<p>either work online</p> <ul style="list-style-type: none"> - on geogebra.org <p>or offline with the Geogebra App (available for all devices)</p>
Assessment	<ul style="list-style-type: none"> - Screenshots will be printed or uploaded on cloud - Control and feedback through teacher
Remarks	<ul style="list-style-type: none"> - Geogebra is no replacement for constructions with triangle ruler and dividers, it is just an addition - on youtube you can find hundreds of tutorials