



Project Number: 2018-1-PT01-KA203-047361

# Quality Plan

## for the

# MathE Project

N° Project Number: 2018-1-PT01-KA203-047361

## Produced by Pixel

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## IO1 - Student Assessment Toolkit

<b>Objective</b>	<p>The aim is to create:</p> <ul style="list-style-type: none"> <li>A toolkit to allow students to carry out a self-evaluation of their knowledge on 10 selected Math topics.</li> <li>A toolkit to provide teachers with the possibility to organize for their students an online test on 10 selected Math topics.</li> </ul>
<b>Start Date</b>	September 2018
<b>Deadline</b>	December 2019
<b>Expected Deliverables</b>	<ol style="list-style-type: none"> <li>Student Self-Assessment Toolkit</li> <li>Student Final Assessment Toolkit</li> </ol>

### Deliverable 1-2) Student Need Self and Final Assessment Toolkit

<b>Templates to be used</b>	IO1.A – Assessment Tools IO1.B – Review Tool		
	<b>Indicators</b>	<b>Results Achieved</b>	<b>Evaluation</b>
<b>Quantitative Indicators</b>	<p><b>Student Self-Assessment Toolkit</b></p> <ul style="list-style-type: none"> <li>10 math topics</li> <li>400 total questions (40 for each topic)</li> </ul> <p><b>Student Final-Assessment Toolkit</b></p> <ul style="list-style-type: none"> <li>10 math topics</li> <li>200 total questions (20 for each topic)</li> </ul>	<p><b>Student Self-Assessment Toolkit</b></p> <ul style="list-style-type: none"> <li>15 math topics and 18 subtopics</li> <li>1103 total questions (&gt; 40, equally distributed among the topics and subtopics)</li> </ul> <p><b>Student Final-Assessment Toolkit</b></p> <ul style="list-style-type: none"> <li>15 math topics and 18 subtopics</li> <li>486 total questions (&gt; 20, equally distributed among the topics and subtopics)</li> </ul>	Excellent
<b>Qualitative indicators</b>	<ul style="list-style-type: none"> <li>Usability</li> <li>General organization of structure</li> <li>Easiness of navigation</li> <li>Innovativeness</li> <li>Didactical Appropriateness</li> <li>Usefulness and Transferability</li> </ul>	<p><b>Target Groups' Assessment</b></p> <ul style="list-style-type: none"> <li>Usability: 8,7</li> <li>General organization of structure: 8,5</li> <li>Easiness of navigation: 8,6</li> <li>Innovativeness: 8,2</li> <li>Didactical Appropriateness: 8,2</li> <li>Usefulness and Transferability: 8,5</li> </ul> <p><b>Contractual Partners' Assessment</b></p> <ul style="list-style-type: none"> <li>Quality and quantity: 9,7</li> <li>Innovative potential: 9,3</li> <li>Transferability: 9,4</li> <li>Effectiveness: 9,5</li> </ul>	Very Good



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## IO2 – Math Library

<b>Objective</b>	This phase is dedicated to the creation of a section to offer students and teachers of higher education institutions video based teaching and learning sources to reinforce specific mathematical topics.
<b>Start Date</b>	April 2019
<b>Deadline</b>	September 2020
<b>Expected Deliverables</b>	<ol style="list-style-type: none"> <li>1. Video Collection</li> <li>2. Video Lessons</li> <li>3. Teaching Material</li> </ol>

### Deliverable 3-4-5) Math Library

<b>Templates to be used</b>	IO2.A – Existing Video Review IO2.B – Video Lessons IO2.C – Teaching Material IO2.D – Teaching material review		
	<b>Indicators</b>	<b>Results Achieved</b>	<b>Evaluation</b>
<b>Quantitative Indicators</b>	<ul style="list-style-type: none"> <li>• 50 reviews of existing videos</li> <li>• 50 new video lessons</li> <li>• 100 teaching material</li> </ul>	<ul style="list-style-type: none"> <li>• 168 reviews of existing videos</li> <li>• 60 new video lessons</li> <li>• 198 teaching material</li> </ul>	Excellent
<b>Qualitative indicators</b>	<ul style="list-style-type: none"> <li>• Usability</li> <li>• General organization of structure</li> <li>• Easiness of navigation</li> <li>• Innovativeness</li> <li>• Didactical Appropriateness</li> <li>• Usefulness and Transferability</li> </ul>	<b>Target Groups' Assessment</b> <ul style="list-style-type: none"> <li>• Usability: 8,5</li> <li>• General organization of structure: 8,3</li> <li>• Easiness of navigation: 8,5</li> <li>• Innovativeness: 8,3</li> <li>• Didactical Appropriateness: 8,3</li> <li>• Usefulness and Transferability: 8,5</li> </ul> <b>Contractual Partners' Assessment</b> <ul style="list-style-type: none"> <li>• Quality and quantity: 9,5</li> <li>• Innovative potential: 9,4</li> <li>• Transferability: 9,5</li> <li>• Effectiveness: 9,5</li> </ul>	



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## IO3 – Community of Practice

<b>Objective</b>	This phase is dedicated to the creation of a community of practice allowing Math teachers in higher education institutions to share and compare teaching sources, tools and strategies
<b>Start Date</b>	May 2019
<b>Deadline</b>	January 2021
<b>Expected Deliverables</b>	4. Community of Practice

### Deliverable 6) Community of Practice

<b>Templates to be used</b>	IO3.A – Structure of the Community IO3.B – Contribution Form IO3.C – Good Practice Form		
	<b>Indicators</b>	<b>Results Achieved</b>	<b>Evaluation</b>
<b>Quantitative Indicators</b>	<ul style="list-style-type: none"> <li>150 total posts</li> <li>2 good practice per partner</li> </ul>	<ul style="list-style-type: none"> <li>191 total posts</li> <li>2 good practice per partner</li> </ul>	
<b>Qualitative indicators</b>	<ul style="list-style-type: none"> <li>Usability</li> <li>General organization of structure</li> <li>Easiness of navigation</li> <li>Innovativeness</li> <li>Didactical Appropriateness</li> <li>Usefulness and Transferability</li> </ul>	<b>Target Groups' Assessment</b> <ul style="list-style-type: none"> <li>Usability: 8,3</li> <li>General organization of structure: 8,3</li> <li>Easiness of navigation: 8,3</li> <li>Innovativeness: 8,0</li> <li>Didactical Appropriateness: 8,4</li> <li>Usefulness and Transferability: 8,3</li> </ul> <b>Contractual Partners' Assessment</b> <ul style="list-style-type: none"> <li>Quality and quantity: 8,4</li> <li>Innovative potential: 8,1</li> <li>Transferability: 8,3</li> <li>Effectiveness: 8,1</li> </ul>	



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