

<b>Learning Unit Обучение</b>	
<b>Subject Предмет</b>	Mathematics/English language
<b>Title Название</b>	Thales` theorem
<b>Author Автор</b>	N.Voskolovich, N.Degtearenco
<b>School Школа</b>	Tallinn Secondary School № 53
<b>Description of the unit Описание</b>	In the lesson, students will study mathematics in English. During the lesson, students will demonstrate the level of their mathematical skills and test their knowledge of the English language. At the end of the lesson, they will demonstrate understanding of the condition of a mathematical problem in English. Also, students will show the ability to explain the solution of the problem using terms in English.
<b>Contents Содержание</b>	-Statement of the problem and presentation of tasks - repetition of terms in English - practical work -analysis of responses and evaluation of the result of work -error correction -summarizing -homework instruction
<b>Learning Outcomes / Результаты обучения Skills навыки</b>	Critical thinking Communication skills Perseverance Mathematical literacy Information literacy Thinking skills
<b>Target students/class Целевой возраст учащихся</b>	High school (15 – 17 age) 8 <sup>th</sup> grade
<b>Prerequisites\Предварительные требования</b>	Students should know mathematical terms in English. Students should know the Thales theorem.
<b>Time expected/Ожидаемое время</b>	3 hours
<b>Interdisciplinary links/Связь с другими предметами</b>	English, drawings and mathematics
<b>Methodology/Методология</b>	Practical work, independent work on the task under the guidance of a teacher.



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<b>Human Resources (internal and/or external) Человеческие ресурсы (внутренний и/или внешний)</b>	Math teacher and English teacher
<b>Resources / ресурсы</b>	Computer with access to the Internet and Tinkercad
<b>Lesson Plan/План урока</b>	<p>1st lesson: English lesson learning the necessary mathematical terms in English</p> <p>2<sup>nd</sup> lesson: math lesson study of the Thales theorem</p> <p>3<sup>rd</sup> lesson: English lesson + math lesson</p> <ul style="list-style-type: none"> <li>- repetition of terms</li> <li>- proof of Thales' theorem using paper fold (practical work)</li> <li>- explanation of solutions to mathematical problems in English</li> <li>- feedback from math and English teachers</li> </ul>
<b>21st Century Skills</b>	<p>Critical thinking in problem solving – Students will analyze and evaluate the information received, reason logically and select arguments for making rational decisions.</p> <p>Literacy skills – The student is able to speak logically and coherently, use words correctly.</p> <p>Thinking skills - The student is able to find the necessary information, analyze and synthesize it, draw logical conclusions, build evidence, critically process facts, and correctly present the results of research.</p>
<b>Assessment</b>	
<b>Remarks</b>	

