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| Resultado de imagem para turquia bandeiraSmart School for Smart AgeLesson plan - Erasmus + |
| **Subject: Math** |
| **Number of lessons: 3** |
| **Teachers: Murat Avanoğlu, Deniz Ayata** |
| **Topic: Circles, quizizz, khan academy, kutasoftware** |
| **Key words: Circles** |
| **Lessons objectives:*** Identify the different parts of a circle;
* To explain the relation between the radius and diameter of a circle;

-- To teach students how to solve simple problems involving radius and diameter |
| **Resources*** Computers with internet access;
* Multimedia projects;
* Tablets with internet access;
* Mobile Phones with internet access
 |
| **Lessons sequence/activity*** Circles with Khan Academy (3 Lessons)
* Quiz with Quizizz (3 Quiz)
 |
| **Web Tools** |  |
| <http://www.kutasoftware.com/freeige.html><http://www.khanacademy.org.tr/><https://quizizz.com/admin> |  |





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**Lesson1-** **Circles Glossary**

**Sentences to Inequalities**

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| **1.** | **Learn** – Circles Glossary<https://youtu.be/U2W7HPyC0cM> |
| **2.** | **Pratice –** Kuta Software - Infinite Pre-Algebra<https://cdn.kutasoftware.com/Worksheets/PreAlg/Circles.pdf> |
| **3.** | **Quiz –Circles Glossary Quiz**<https://quizizz.com/admin/quiz/5ab10a8e6b0f7c001b26f5e7/circle-vocabulary> |



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# Lesson 2- Radius, diameter, circumference & π

**Sentences to Inequalities**

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| **1** | Learn - Radius, diameter, circumference & π<https://youtu.be/jyLRpr2P0MQ> |
| **2** | **Pratice –**  **Calculating the Radius and Diameter of a Circle**<https://www.superteacherworksheets.com/geometry/circles-radius-diameter_TWDDQ.pdf> |
| **3** | **Quiz –** Radius, diameter, circumference & π<https://quizizz.com/admin/quiz/5874f9c64b332cd869f68cd9/circles-radius-diameter-circumference> |



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# Lesson 3-Proof: All circles are similar

**Sentences to Inequalities**

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| **1.** | Learn - Proof: All circles are similar<https://youtu.be/tcQjJssEMgo> |
| **2.** | **Pratice – Similarity of Circles Problems - Independent Practice Worksheet**<https://www.mathworksheetsland.com/geometry/28simofcircles/ip.pdf> |
| **3.** | **Quiz –** **Proof: All circles are similar**<https://quizizz.com/admin/quiz/5e5a9e2379c348001b638e8a/proving-circles-are-similar> |