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| Resultado de imagem para turquia bandeiraSmart School for Smart Age  Lesson 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> |