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| Resultado de imagem para turquia bandeiraSmart School for Smart AgeLesson plan - Erasmus + |
| **Subject: Mathematics** |
| **Number of lessons: 5** |
| **Teachers: Murat AVANOĞLU** |
| **Topic: Sets(Statistics and Probability)** |
| **Key words: statistics, probability, sets , diagrams** |
| **Lessons objectives:**With this lesson plan, your students are going to explore the concepts of sets, Venn diagrams and probability. They will apply their knowledge by organizing and analyzing a collection of data. |
| **Resources**­- Computers with internet access; -Multimedia projects;- Tablets with internet access;- Mobile Phones with internet access |
| **Lessons sequence/activity**Sets (Statistics and Probability) with Khan Academy (4 Lesson)Practices (2 Lesson) |
| **Web Tools**<https://study.com/> <http://www.khanacademy.org.tr/>https://www.math10.com/ |  |
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Smart School for Smart Age

**Lesson-Sets (Statistics and Probability)**

**Sentences to Inequalities**

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| **1.** | **Learn** <http://home.ku.edu.tr/~amostafazadeh/math107/F2012/Handouts/Sets%20from%20Wikipedia_2012_09_18.pdf>Intersection and union of sets: (Lesson 1) <https://www.khanacademy.org/math/statistics-probability/probability-library/basic-set-ops/v/intersection-and-union-of-sets>Relative complement or difference between sets: (Lesson 2) <https://www.khanacademy.org/math/statistics-probability/probability-library/basic-set-ops/v/relative-complement-or-difference-between-sets>  Universal set and absolute complement: (Lesson 3)<https://www.khanacademy.org/math/statistics-probability/probability-library/basic-set-ops/v/universal-set-and-absolute-complement>Subset, strict subset, and superset: (Lesson 4)<https://www.khanacademy.org/math/statistics-probability/probability-library/basic-set-ops/v/subset-strict-subset-and-superset>Bringing the set operations together: (Lesson 5)<https://www.khanacademy.org/math/statistics-probability/probability-library/basic-set-ops/v/bringing-the-set-operations-together> |
| **2.** | **Practice** **Basic set notation:**<https://www.khanacademy.org/math/statistics-probability/probability-library/basic-set-ops/e/basic_set_notation>  |
| **3.** | **Quiz** <https://www.math10.com/tests/sets.html> |