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