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| Resultado de imagem para turquia bandeiraSmart School for Smart Age  Lesson plan - Erasmus + | |
| **Subject: Math** | |
| **Number of lessons: 1** | |
| **Teachers: Murat Avanoğlu, Deniz Ayata** | |
| **Topic:** [**Alternate coordinate systems (bases)**](https://www.khanacademy.org/math/linear-algebra/alternate-bases) | |
| **Key words:** | |
| **Lessons objectives:**   * Students will be able to: * Identify and describe the Cartesian coordinate system * Construct an example of the grid used in Cartesian coordinate system * Use the Cartesian coordinate system to graph points and functions | |
| **Resources**   * Computers with internet access; * Multimedia projects; * Tablets with internet access; * Mobile Phones with internet access | |
| **Lessons sequence/activity**   * [**Alternate coordinate systems (bases)**](https://www.khanacademy.org/math/linear-algebra/alternate-bases) **with Khan Academy (1 Lessons)** * **Quiz with quizizz (1 Quiz)** | |
| **Web Tools** | <http://www.khanacademy.org.tr/>  <https://www.oxy.edu/>  <https://umich.edu/> |
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Smart School for Smart Age

# Lesson1-Orthogonal complements

**Sentences to Inequalities**

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| **1.** | **Learn** - **Orthogonal complements**  <https://youtu.be/QOTjdgmNqlg> |
| **2.** | **Pratice –**  Topic : Orthogonality and Orthgogonal Complements  <https://sites.oxy.edu/ron/math/214/07/quiz/QUIZ10.pdf> |
| **3.** | **Quiz –**  <http://www.math.lsa.umich.edu/~kesmith/GroupQuiz6.pdf> |