

Activity 1: Magic tricks 60 min – LO 1,2

| Students' activity | Timing | Teacher's Actions | Students' Actions | Related to Session's ILO |
|---|--|---|---|--------------------------|
| 1. | 60m | <p>The teacher plays the role of a magician and performs cs unplugged activities. The first activity is a magic trick aiming to introduce students to the concept of binary numbers. The second one focuses on the representation of decimal number into binary.</p> <p>The teacher uses as a basis for the execution of the activities the files <code>binary_magic_trick_instructions.pdf</code> and <code>CSUnplugged_OS_2015_v3_Activity_BinaryNumbers</code></p> | The students participate actively in the activities | 1,2 |
| Preparatory tasks for Students(if they needed): | | | | |
| Teacher's preparatory actions: | <p>Cards for the 1st activity (file <code>binomialcards_game.pdf</code>) Cards for the 2nd activity (file <code>binary_dots.pdf</code>)</p> | | | |
| Notes: | | | | |
| Support Material: | <p>The teacher uses as a basis for the execution of the activities the files <code>binary_magic_trick_instructions.pdf</code> and <code>CSUnplugged_OS_2015_v3_Activity_BinaryNumbers</code></p> | | | |

