

Good practices

INCL_407BC_EN

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Description of the problem/exercise: **Write a number in different number systems**

Type: Games in which blind people can participate on an equal footing with other players.

In this game, the elements of the same basic form are used from two or three identical sets. Each of them represents the number one. The players chose one number system. Each player takes the same number of these elements and then makes as many towers as possible (made by placing the next element over the previous one). The height of the tower can be the power of the basis of the chosen number system. If a player has made the same number of identical towers as the number that is the basis of the selected number system, he must make one higher tower by using them. The winner is the person who cannot make any more towers and is able to write down the number of the taken elements in the chosen number system.

- *Why this exercise is good:* Competences which are developed and knowledge which is deepening: empathy for other people, creativity, problem solving, communication skills, collaboration skills and organizational skills.
- *Which level is recommended:* Upper primary school, secondary school
- *School subject(s):* Mathematics