

Soma Cubes

Description: The purpose of this event is for teams to replicate a design by using one set of seven Soma Cubes.

Number of Participants: 2

Approximate Time: 20 minutes (5 minutes for instructions, 15 minutes for play).

The Competition:

1. Each school team will have two participants. The team will be given **one** full set of Soma Cube pieces.
2. Each team will be given a stack of design cards. Each design will use all seven pieces of the Soma Cube.
3. Participants may sort through the designs and choose any design they wish, but they may only work on one design at a time.
4. As a chosen design is completed the team will signal the judge. The judge will verify that the Soma Cube matches the design show on the card.
5. Teams will earn 1 point for every design completed correctly in the given time.

Scoring:

The team that scores the most points by completing the most designs will be declared the winner.

Materials Supplied by the District:

- Judges
- One Soma Cube set for each school team of two
- Soma Cube design pictures for each team

Participant Resources:

Soma Cube Website:

<https://www.fam-bundgaard.dk/SOMA/FIGURES/All%20Soma%20figures%20and%20Nonomino.pdf>

Pattern for Making the Cube

<http://www.instructables.com/id/Make-a-Wooden-Soma-Cube/>

Website for Purchasing More Cubes to Make Extra Soma Cube Sets:

Casey's Wood Products – www.caseyswood.com