

Week Two Winner: Nonfiction

Jakob

Age: 14

Grade: 10

Main Library

Genre: Nonfiction

Title: Rubik's Remarkable Creation

The Rubik's Cube is one of the world's most popular puzzles. The cube's simplistic and elegant appearance can mislead the user to its complexity. The Rubik's Cube is a three by three cube with each side a different color than the other five. A Rubik's Cube is scrambled or mixed up. This is accomplished by internal pivoting mechanisms that allow the faces of the cube to turn. Once the cube is mixed, the solver must rearrange the sides of the cube so that each side is a solid color. The Rubik's Cube is a puzzle that anyone can solve and enjoy.

The Rubik's Cube was made by Hungarian architect, Erno Rubik. It was created in 1974 as, "... a working model to help explain three dimensional geometry." Back then, the Rubik's Cube was called the "Magic Cube" and wasn't patented as a puzzle until 1975. The funny thing is, Erno Rubik was not able to solve the puzzle created for a while. In 1977, the "Magic Cube" was being produced in Hungary in small quantities. During the same year, Rubik had the idea to show off his creation at international toy fairs to expand his business due to the strict trading laws in Hungary at the time. 1980 was when a toy company began to mass produce the "Magic Cube", but under the modern name of Rubik's Cube. In 1982, the first world championship for speedcubing, or solving the Rubik's Cube as fast as possible. After all these events happened, the Rubik's Cube became a huge hit around the entire world.

After 1982, competitions for speedcubing grew in size. From school, to national, to global competitions people are trying to beat the current world record. The current fastest time to solve a Rubik's Cube is 4.221 seconds. The holder of this amazing feat of speed is Feliks Zemdegs.

The 3x3 Rubik's Cube is not the puzzle of its kind. Rubik's has made eleven versions of the cube. Some examples are the 2x2 and the 6x6. Other companies make the same cubes that Rubik's does, but also similar puzzles that use the same mechanisms that the normal cubes do. Some of these are the Gearball, the Pyraminx, and dodecahedron. Every cube has a different algorithm that needs to be learned to solve making it new and exciting to get a new puzzle.

The Rubik's Cube is a challenging puzzle. It can frustrate people enough that they hurl their puzzle at a wall in anger. Others are masters at it and solve it to see how fast they can solve the cube. Whether the solver is trying to impress someone or figuring out the cube for the first time, the Rubik's Cube and other puzzles in the cubing family will test their intelligence.

Information from:

[-https://www.guinnessworldrecords.com/news/2018/5/feliks-zemdegs-achieves-fastest-time-to-solve-a-rubiks-cube-in-4-22-seconds-524695?fb_comment_id=2084751868219078_2089563417737923](https://www.guinnessworldrecords.com/news/2018/5/feliks-zemdegs-achieves-fastest-time-to-solve-a-rubiks-cube-in-4-22-seconds-524695?fb_comment_id=2084751868219078_2089563417737923)

[-https://www.telegraph.co.uk/technology/google/10840482/Rubiks-cube-invention-40-years-old-and-never-meant-to-be-a-toy.html](https://www.telegraph.co.uk/technology/google/10840482/Rubiks-cube-invention-40-years-old-and-never-meant-to-be-a-toy.html)

[-https://www.rubiks.com/en-us/about](https://www.rubiks.com/en-us/about)

[-https://en.m.wikipedia.org/wiki/Rubik%27s_Cube](https://en.m.wikipedia.org/wiki/Rubik%27s_Cube)

