



# BREAKTHROUGH JUNIOR CHALLENGE

## THE 2016 BREAKTHROUGH JUNIOR CHALLENGE

**Breakthrough Junior Challenge:** Aims to generate excitement in the fields of math and science by having contestants between the ages of 13 to 18 demonstrate their knowledge of **Math, Life Sciences** or **Physics** in engaging and imaginative ways and help others better understand complex mathematical or scientific ideas. The Breakthrough Junior Challenge was founded by Priscilla Chan & Mark Zuckerberg and Yuri & Julia Milner.

### The Challenge:

Choose a concept or theory of **Mathematics, Life Sciences**, or **Physics** that's important to understand but challenging to explain.

Create a short video (no more than 5 minutes) to teach the concept or theory in an engaging, illuminating, and imaginative way. Consider using innovative tools in your video, such as creative drawings, simulations or physical demonstrations.

### Judging Criteria:

*Engagement*

*Illumination*

*Difficulty*

*Creativity*

### Important Dates:

**September 1<sup>st</sup>** - Website Opens for Applications

**October 10<sup>th</sup>** – Registration & Submission Deadline

**October 31<sup>st</sup> – November 9<sup>th</sup>** -Top 30 - Popular Vote Challenge

**December 4** - Winner Announced at Breakthrough Prize Award Ceremony

### The Winning Prize

- ***\$250,000 College Scholarship***
- ***\$50,000 Prize for Inspirational Teacher***
- ***\$100,000 Breakthrough science lab for the winner's school***
- ***Plus a trip for the winner and a parent or guardian to the live televised Breakthrough Prize Award Ceremony on Sunday, December 4, 2016***

### **More Information**

[www.breakthroughjuniorchallenge.org](http://www.breakthroughjuniorchallenge.org)