

# Ramona Scholar in MATHEMATICS

## Summer 2018

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### GRADES 9-10

Read **two of the three** books listed below:

Flatland: A Romance of Many Dimensions by Edwin Abbott, 1884

Forever Changes by Brendan Halpin, 2008

The Man Who Counted by Malba Tahan, 1972

#### THEN EITHER:

1. Create a powerpoint or google slideshow of 15-22 slides that explains the main points of each book in an interesting and informative way (slides must have more than just text, and animation must be used effectively to illustrate your points).

#### OR:

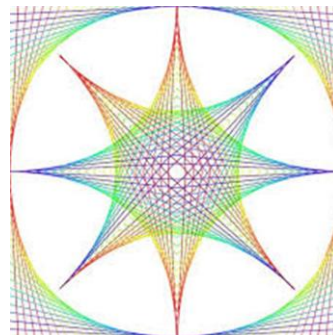
2. Create a 3 minute video or a prezi of an introduction and three main points and as many subpoints as you need.

### GRADES 11-12

Read **both** of the following books:

The Wild Numbers by Philibert Schogt, 2000

A Beautiful Mind: The Life of Mathematical Genius and Nobel Laureate John Nash by Sylvia Nasar, 2001



#### THEN DO the 2 presentations listed below:

Create **two** presentations, **one will be a powerpoint or prezi** and the other a short **video** which will have an interesting introduction and illustrate the main points listed below in an interesting and organized fashion. In each presentation, there must be more than just text, and animation must be used effectively to illustrate your points

1. The prezi or powerpoint presentation will:
  - a. Show the significance of the titles of each book
  - b. Show how one of the main characters from each book changes over time.
2. The movie will:
  - a. Find a theme that is common to both books and show how each of the books treats the theme you have chosen
  - b. Demonstrate some of the mathematical content in each book.

**See Mrs. Garcia when you are finished with your project,  
and be a Ramona Scholar!**