

# Saint Peter Catholic School

Greenville, NC

## Middle School Computer-Aided Design Artwork and 3D Prints 2018-19 School Year

John Bell III, MFA     K-8<sup>th</sup> Grade Art Teacher



**3D prints of student CAD (Sketch Up) drawings are shown on display in a school hallway.**

Students at Saint Peter begin to learn the basics of computer-aided design (CAD) in third grade art class.

Middle school students may choose CAD work as their emphasis in art class.

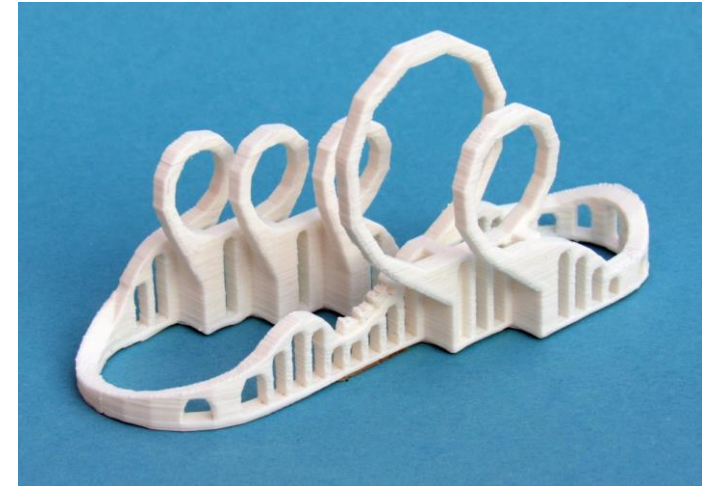
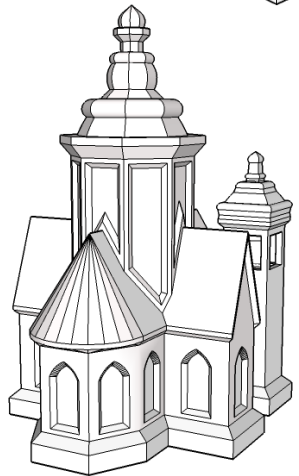
Computer-aided design with Sketch Up is a conceptual extension of the geometry-based sculptures that students create in the primary and intermediate grades at our school.

# Selected photos of 3D prints and CAD (computer-aided design) drawings by Saint Peter Catholic School Students

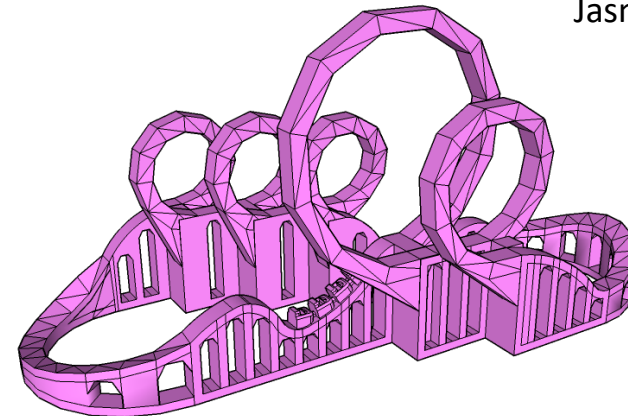
In art class, students learn techniques that they apply creatively within the parameters of assignments. Churches, roller coasters, animals, rings, and other projects are displayed in this document.



Wright, 6<sup>th</sup> grade



Jasmine, 7<sup>th</sup> grade

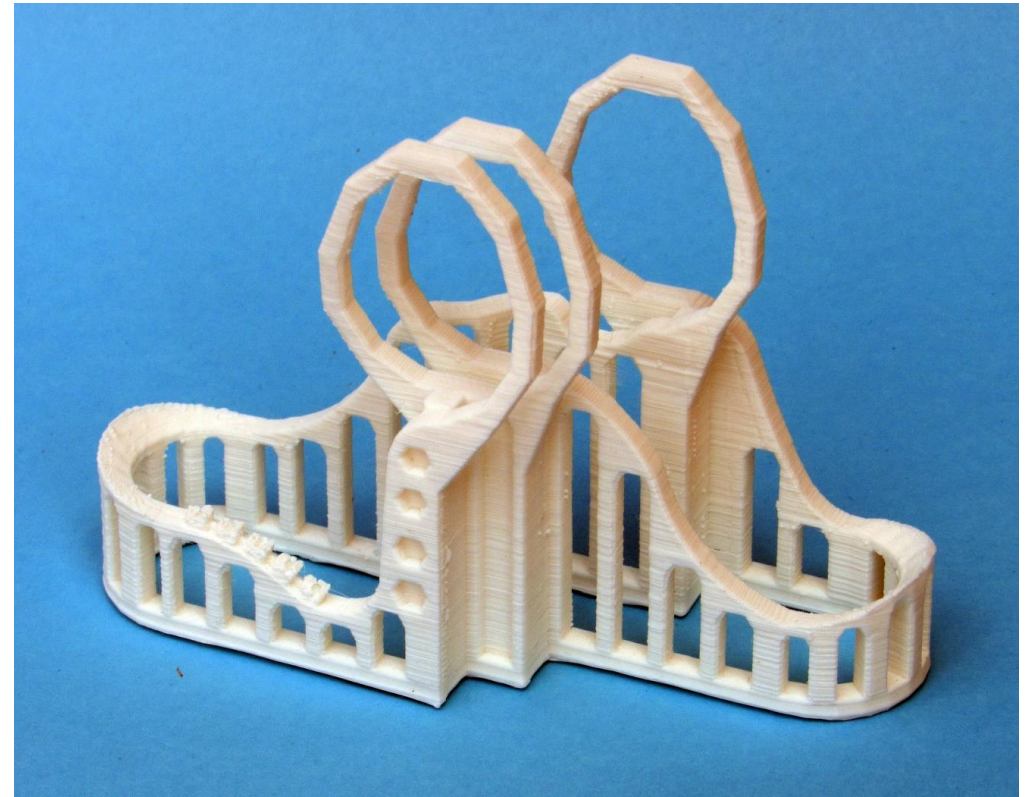
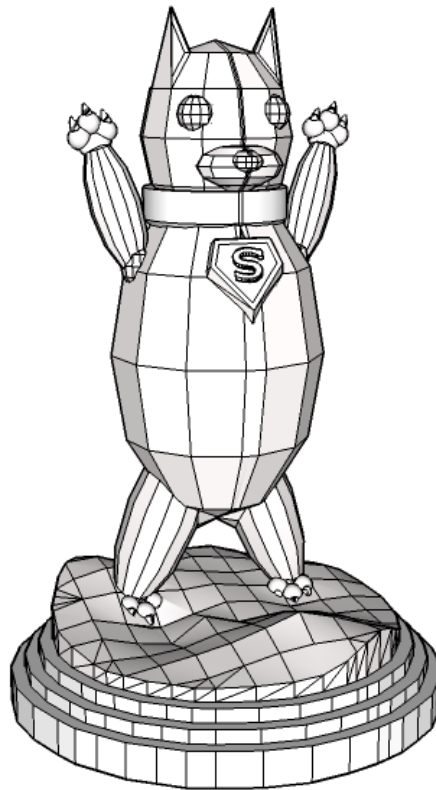




# Saint Peter Catholic School Student Art



Brayden, 6<sup>th</sup> grade

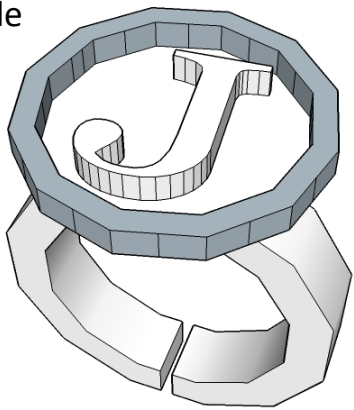


Tiago, 7<sup>th</sup> grade

# Saint Peter Catholic School Student Art



Jasmine, 7<sup>th</sup> grade



Michelle, 7<sup>th</sup> grade



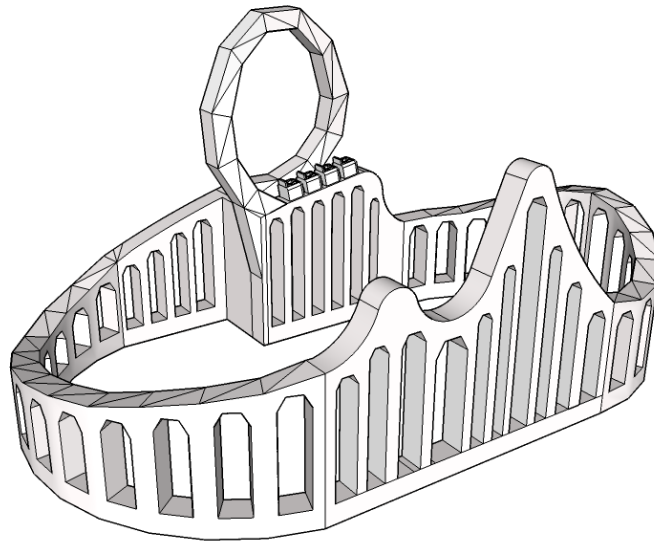
Jack, 6<sup>th</sup> grade



# Saint Peter Catholic School Student Art



Joe Henry, 6<sup>th</sup> grade



Lincoln, 8<sup>th</sup> grade

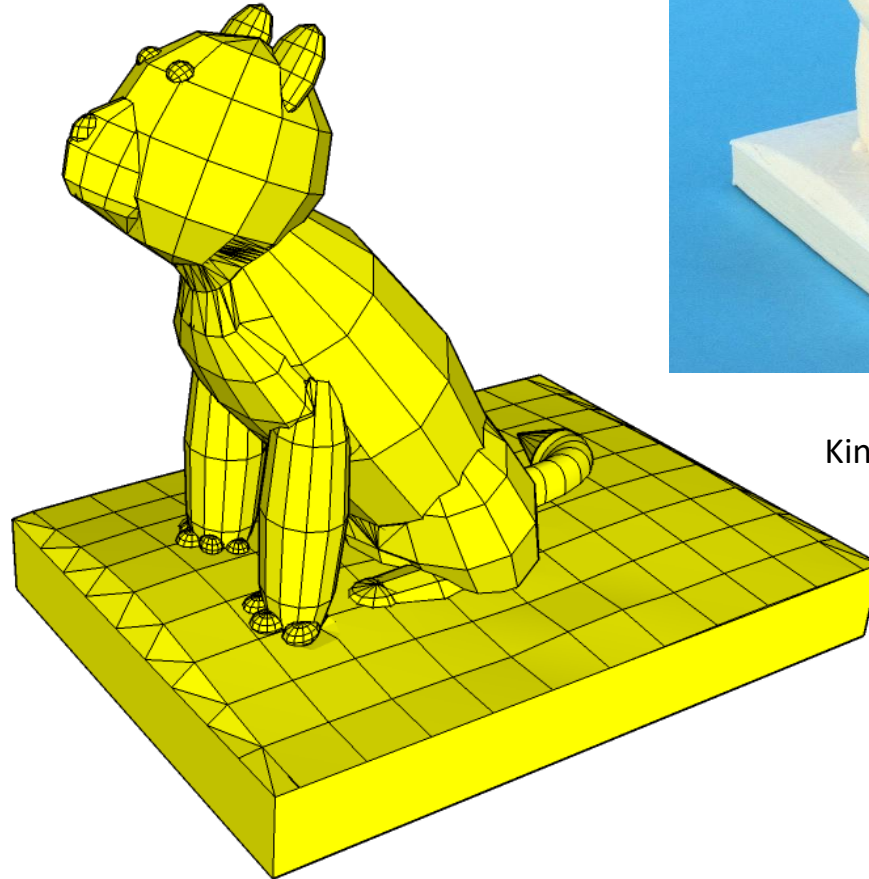


Stuart, 8<sup>th</sup> grade

# Saint Peter Catholic School Student Art



Sunook, 6<sup>th</sup> grade



Kinsley Tate, 8<sup>th</sup> grade

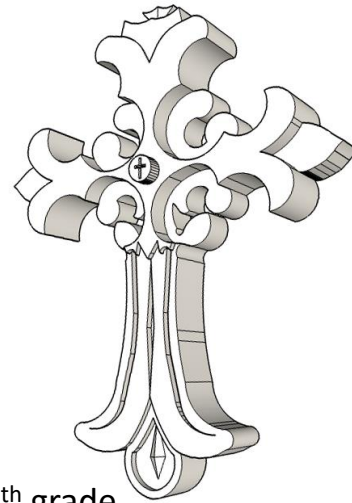




# Saint Peter Catholic School Student Art



Janoy, 7<sup>th</sup> grade



Jasmine, 7<sup>th</sup> grade



Gerald, 7<sup>th</sup> grade

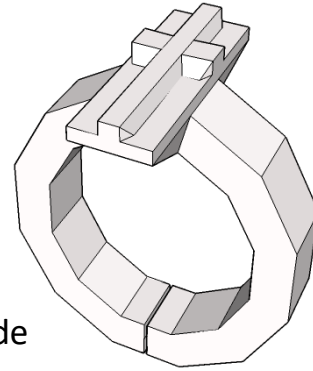


Jeremiah, 8<sup>th</sup> grade

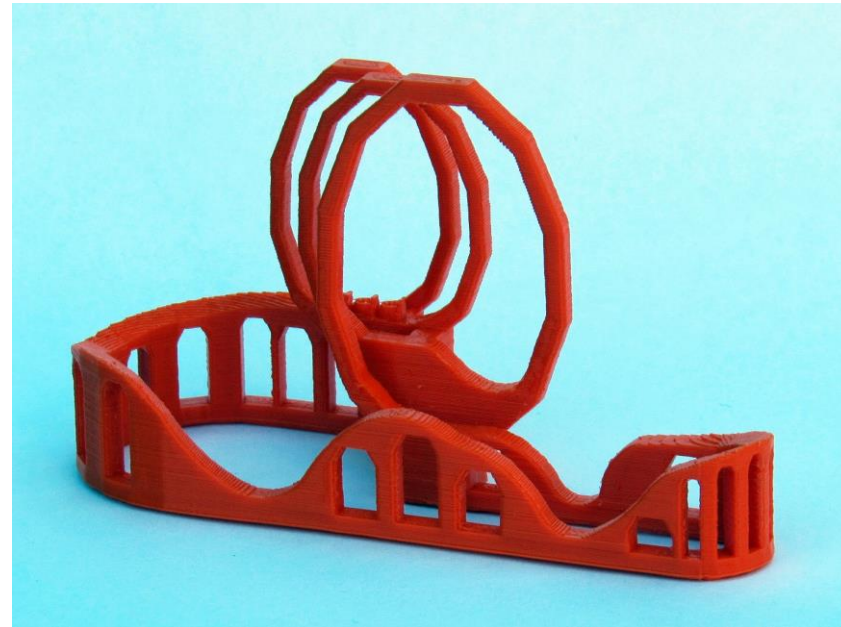
# Saint Peter Catholic School Student Art



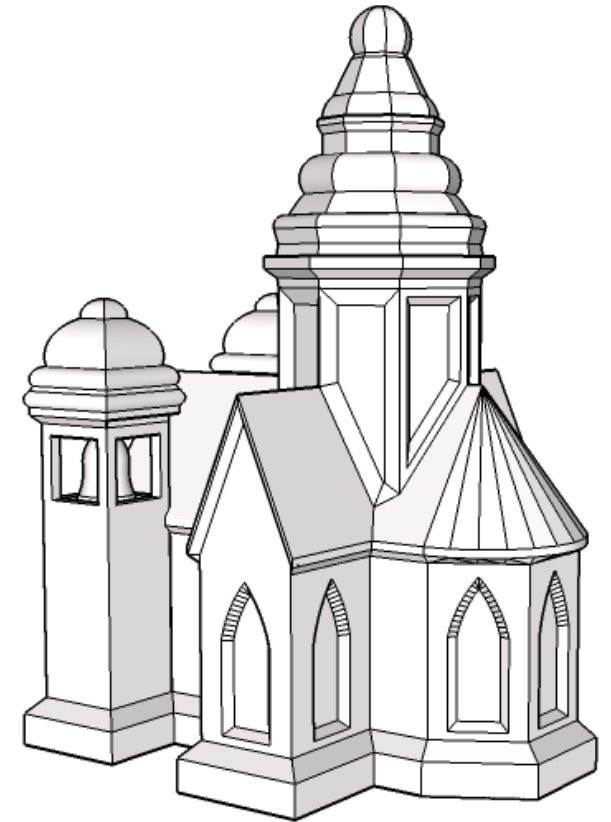
Carter, 6<sup>th</sup> grade



Luke, 7<sup>th</sup> grade



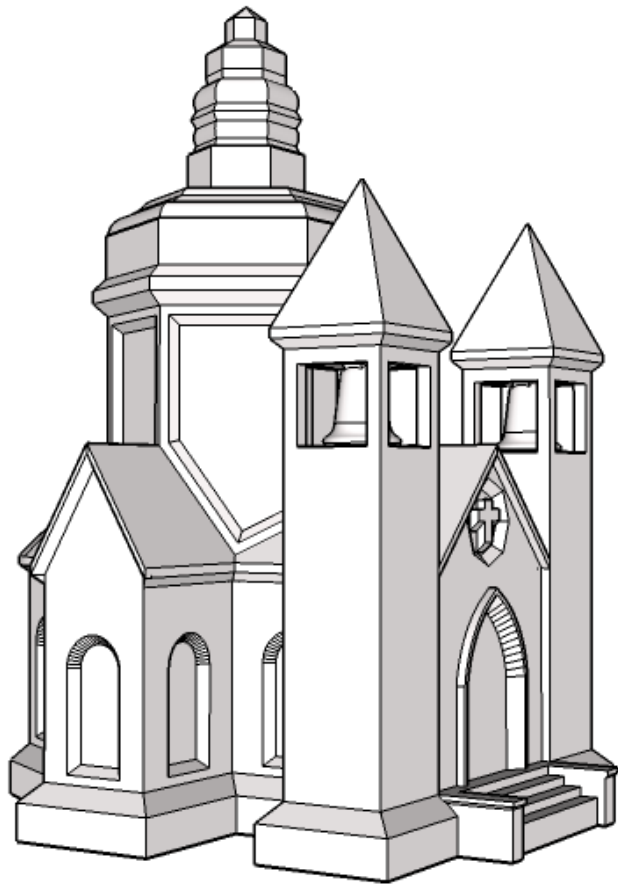
Rylan, 7<sup>th</sup> grade



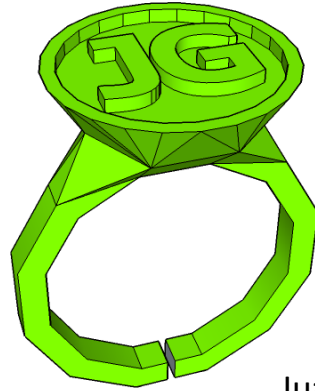
Ryan, 6<sup>th</sup> grade



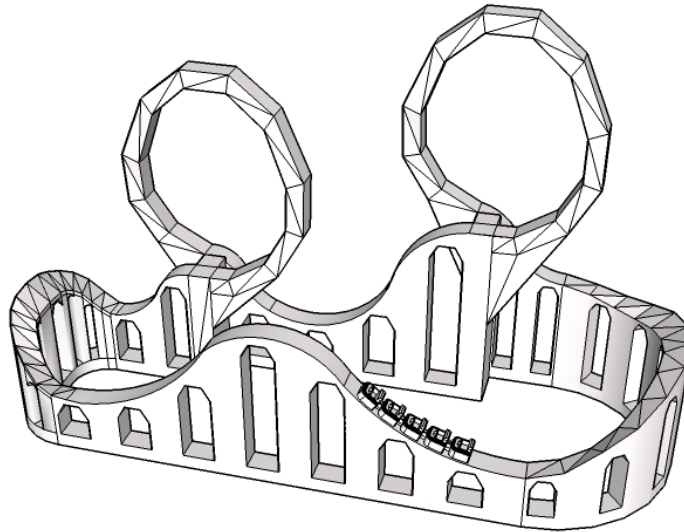
# Saint Peter Catholic School Student Art



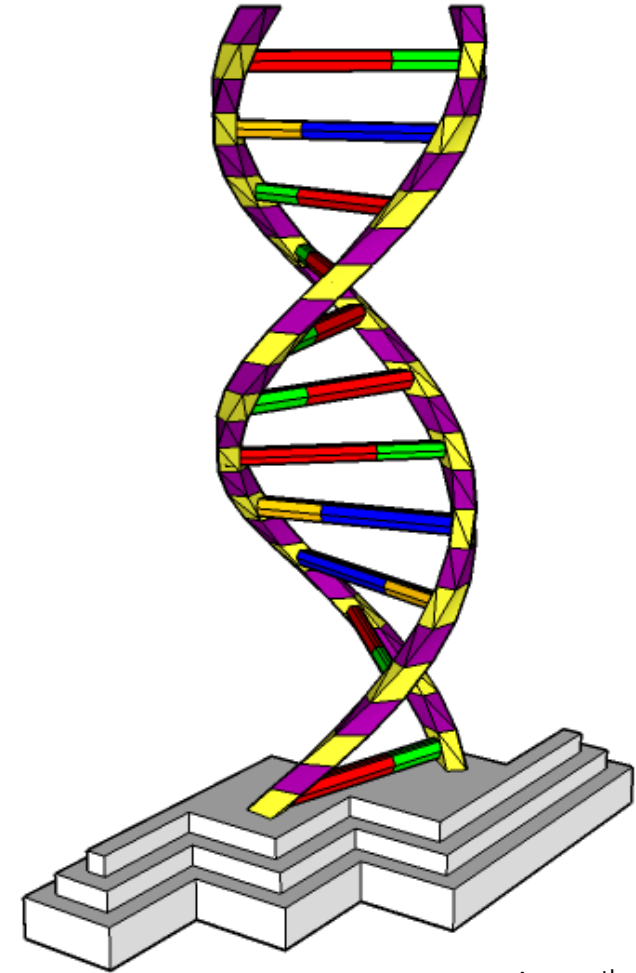
Hayes, 6<sup>th</sup> grade



Juan, 8<sup>th</sup> grade

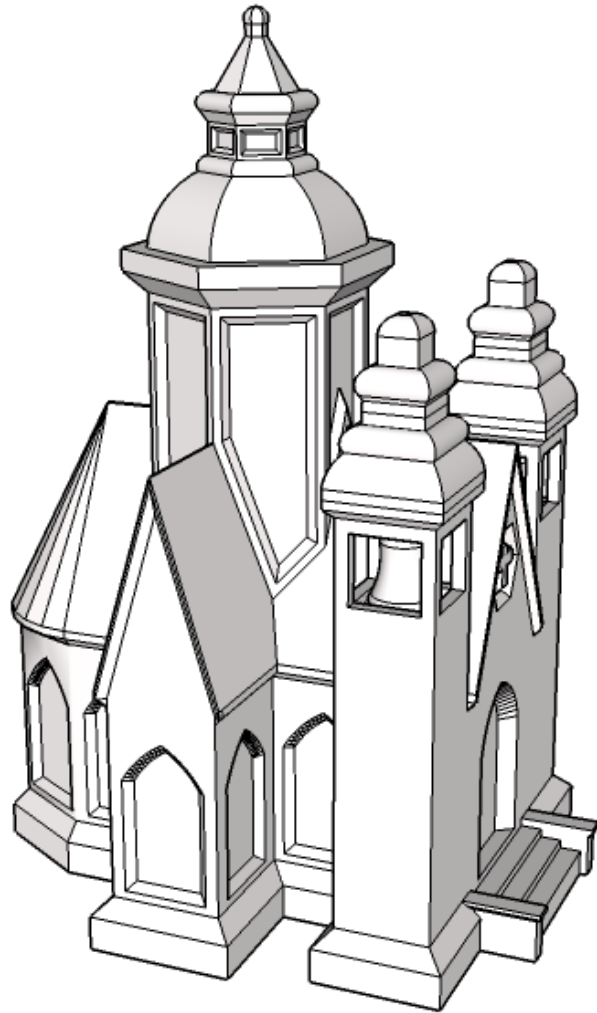


Will, 8<sup>th</sup> grade

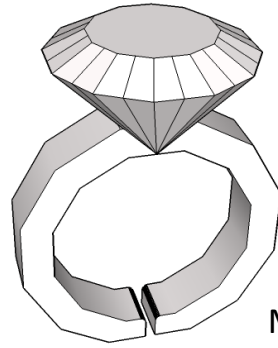


Brayden, 6<sup>th</sup> grade

# Saint Peter Catholic School Student Art



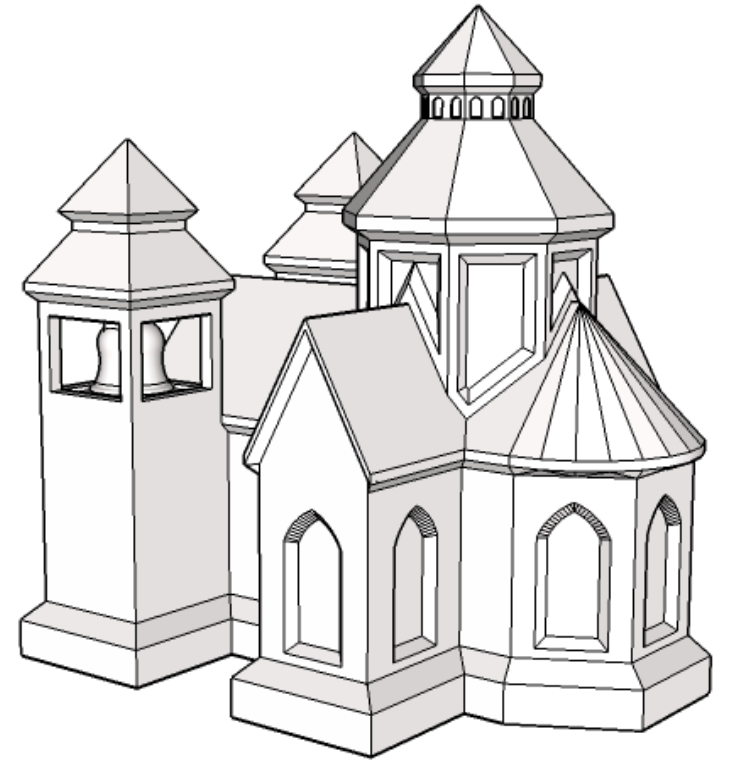
Mark, 6<sup>th</sup> grade



Michelle, 7<sup>th</sup> grade



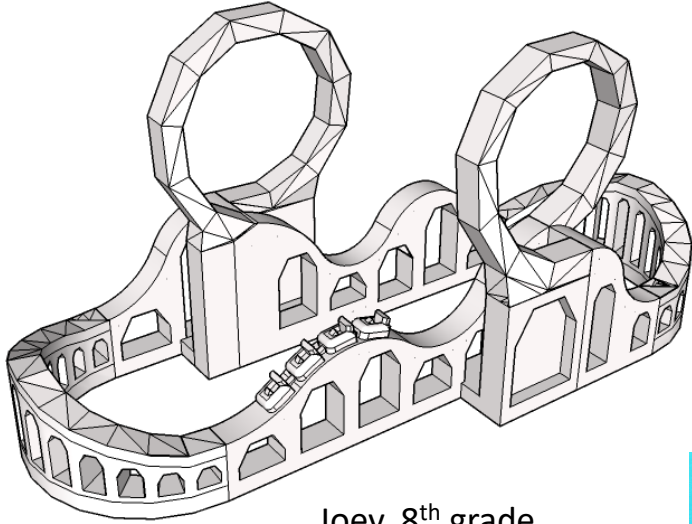
Luke, 7<sup>th</sup> grade



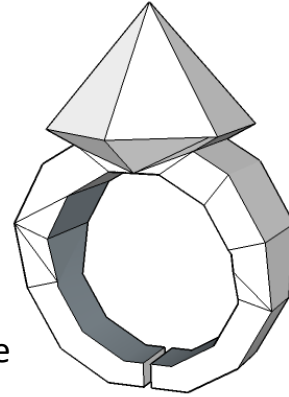
Carson, 6<sup>th</sup> grade



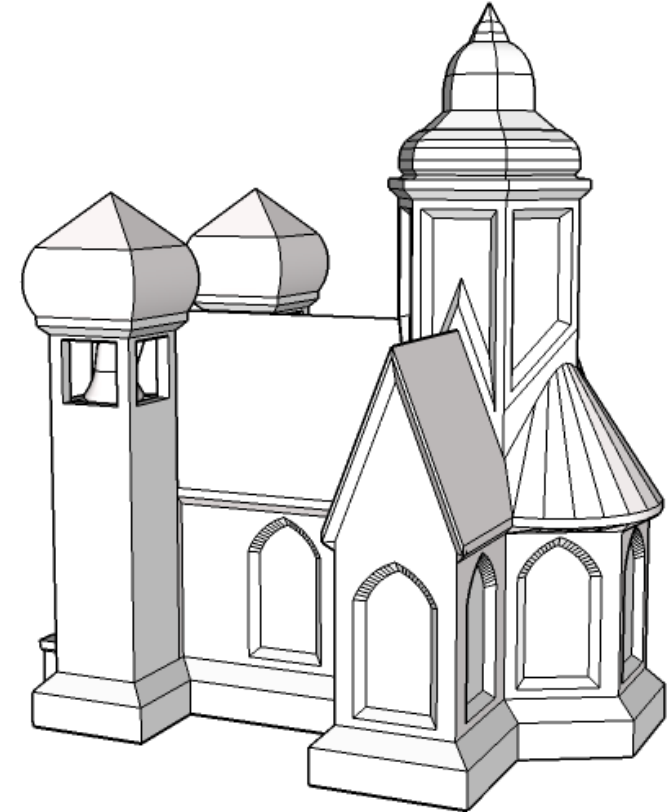
# Saint Peter Catholic School Student Art



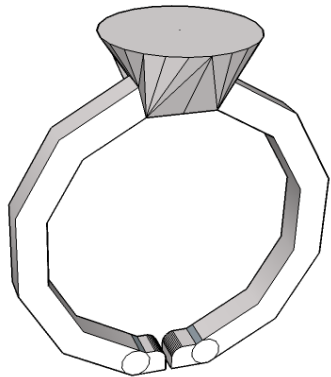
Joey, 8<sup>th</sup> grade



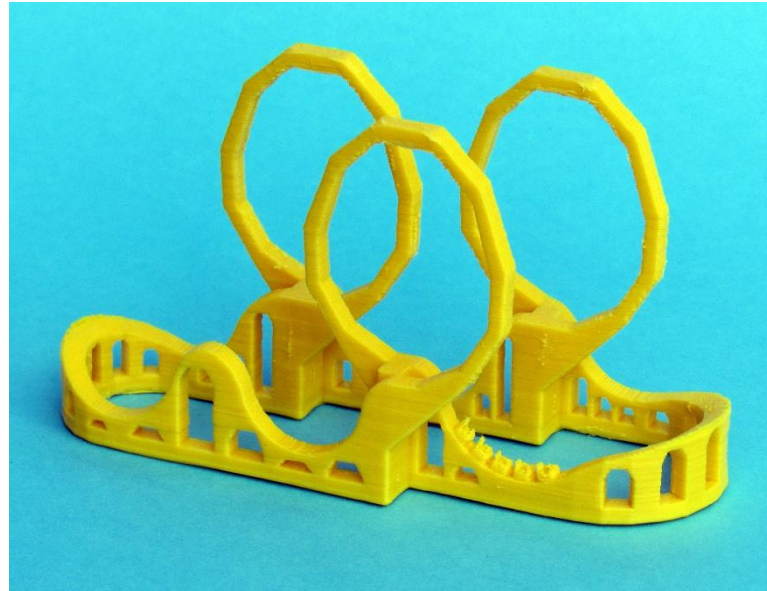
Jamie, 7<sup>th</sup> grade



Will, 6<sup>th</sup> grade

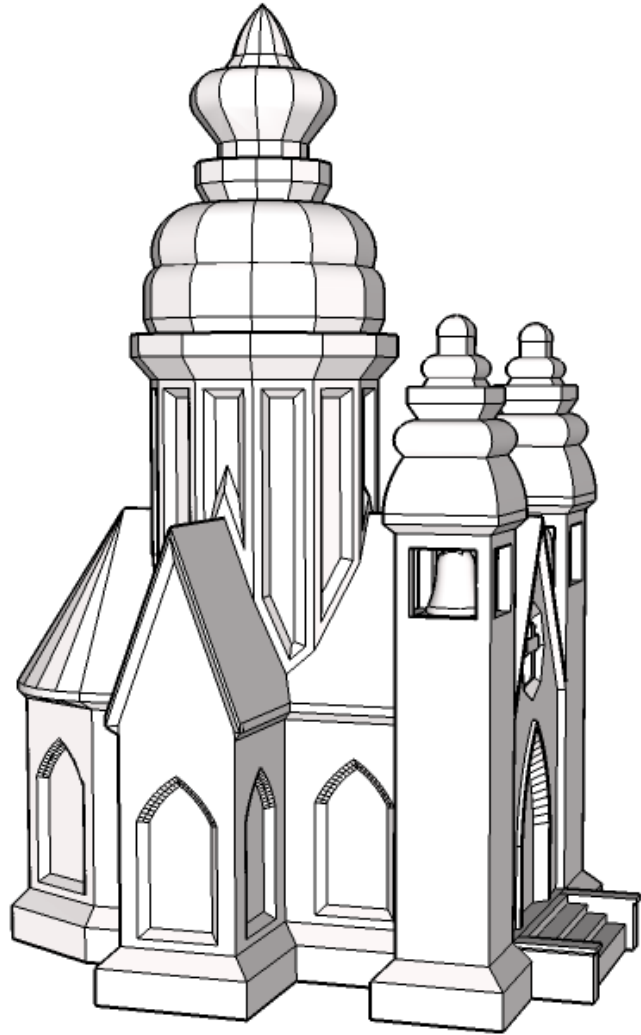


Emma, 8<sup>th</sup> grade

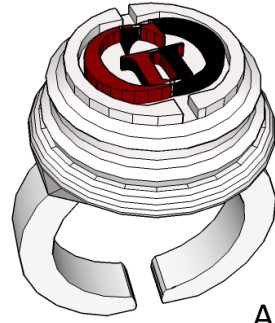


Michelle, 7<sup>th</sup> grade

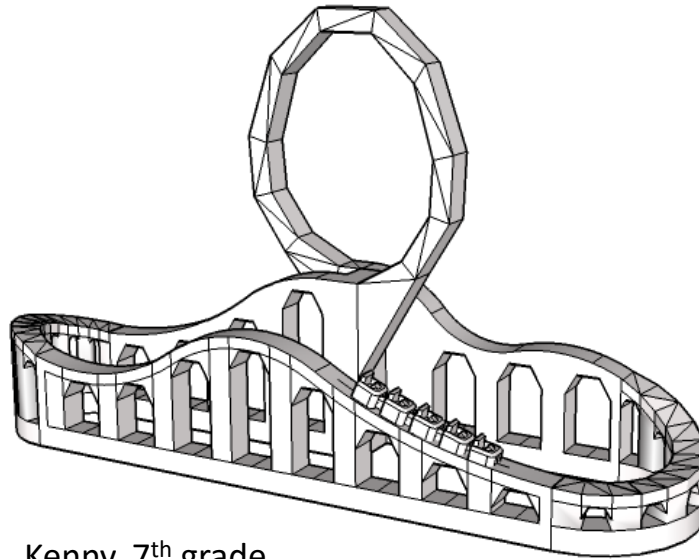
# Saint Peter Catholic School Student Art



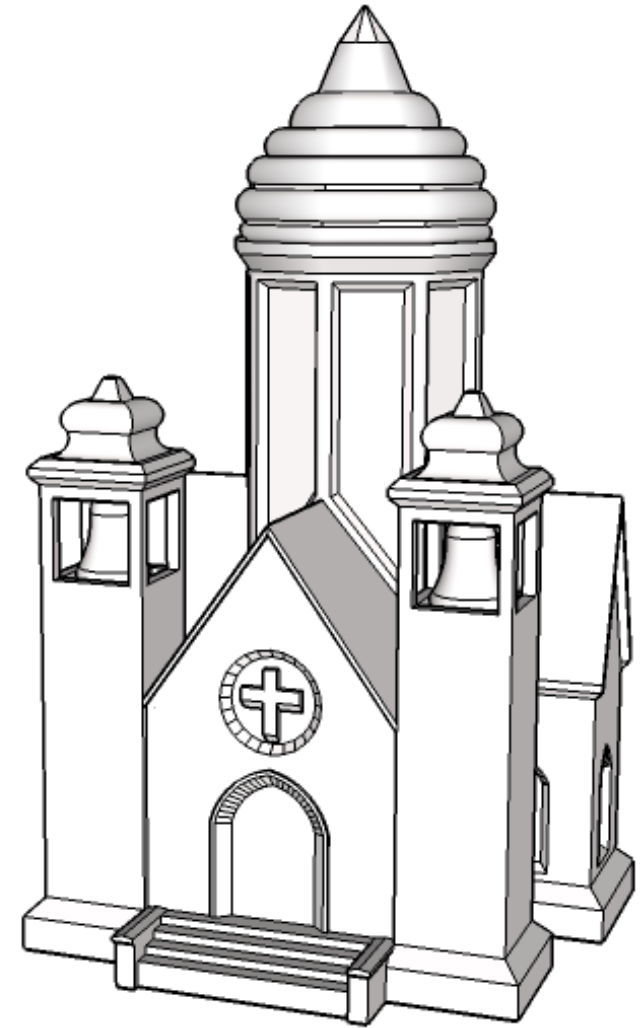
Ryan, 6<sup>th</sup> grade



Alex, 7<sup>th</sup> grade



Kenny, 7<sup>th</sup> grade



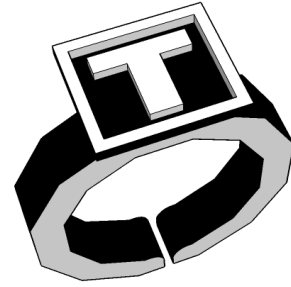
Jake, 6<sup>th</sup> grade



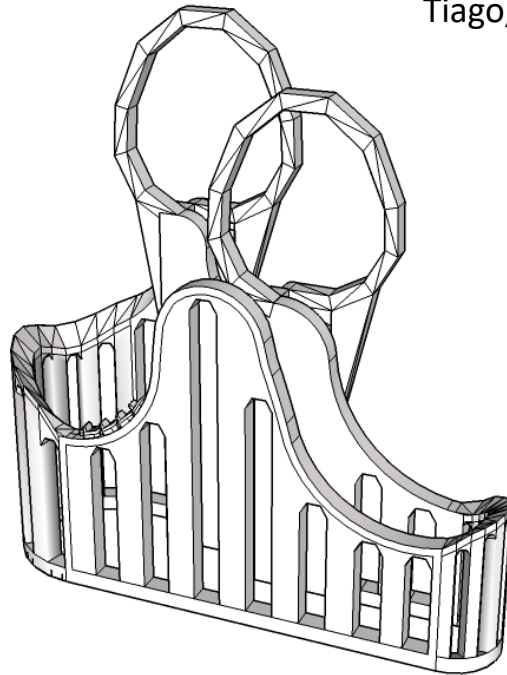
# Saint Peter Catholic School Student Art



Brayden, 6<sup>th</sup> grade



Tiago, 7<sup>th</sup> grade

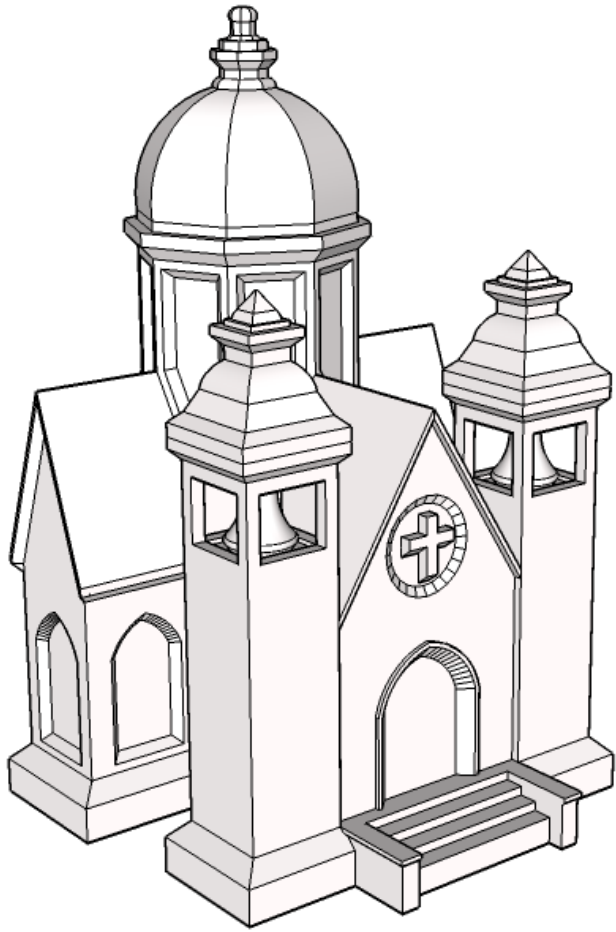


Kinsley Tate, 8<sup>th</sup> grade

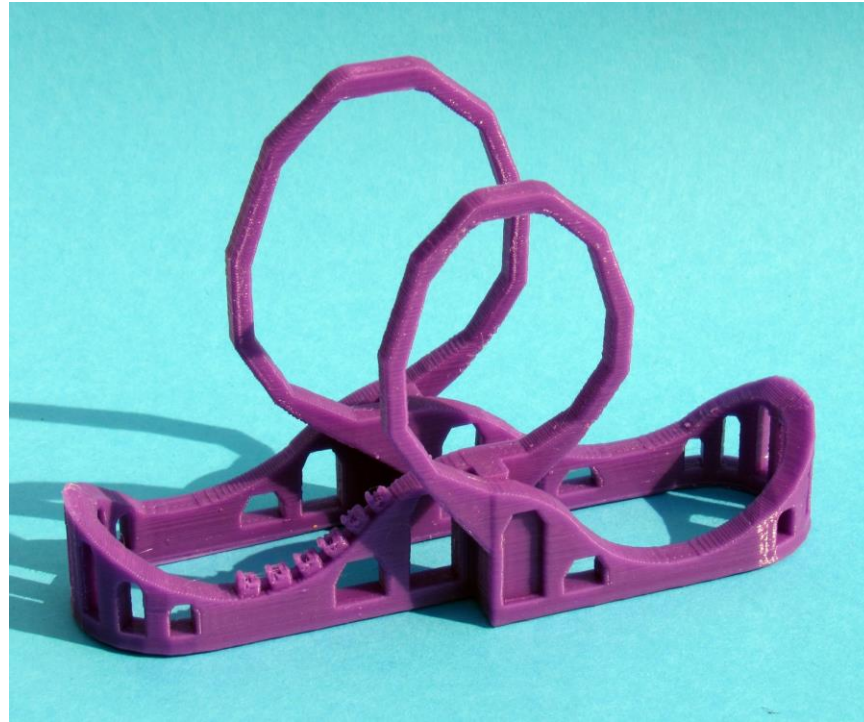


Stuart, 8<sup>th</sup> grade

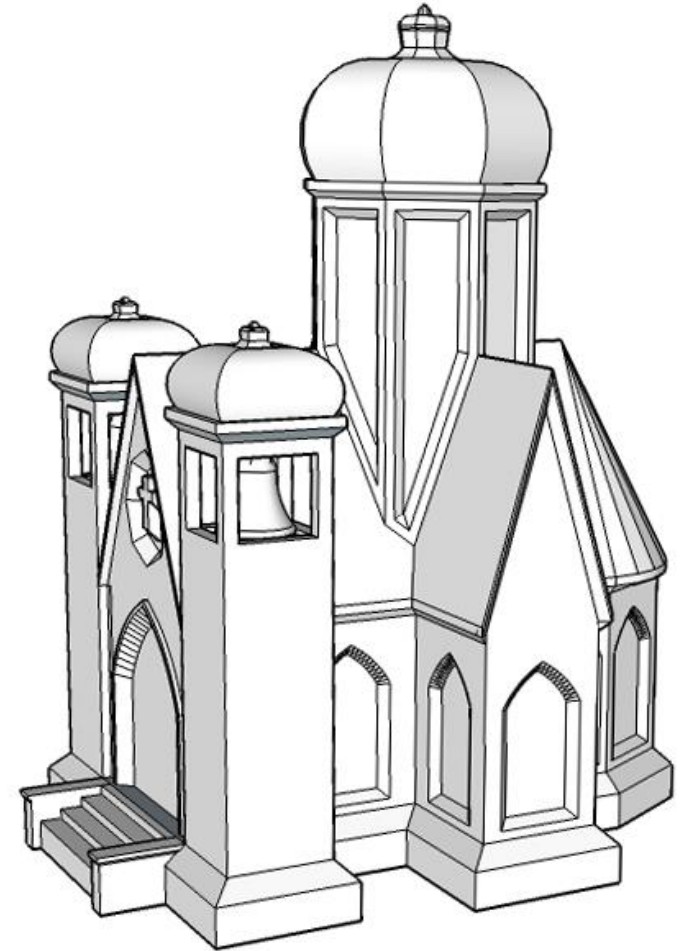
# Saint Peter Catholic School Student Art



Jack, 6<sup>th</sup> grade



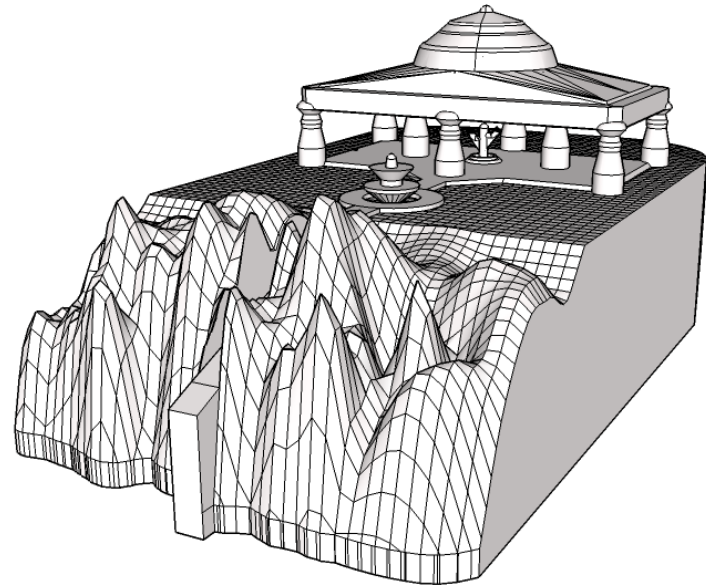
Jamie, 7<sup>th</sup> grade



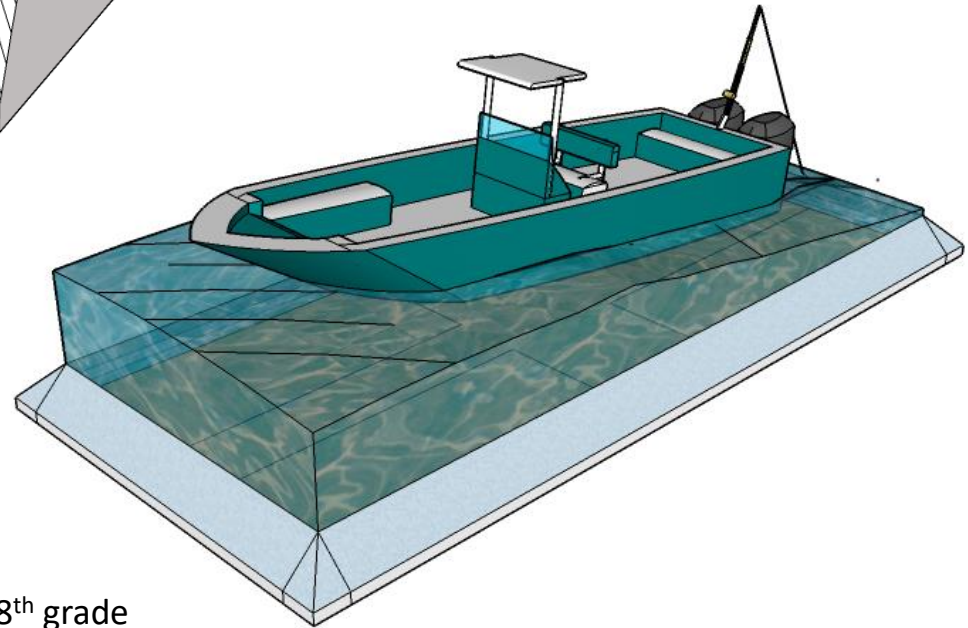
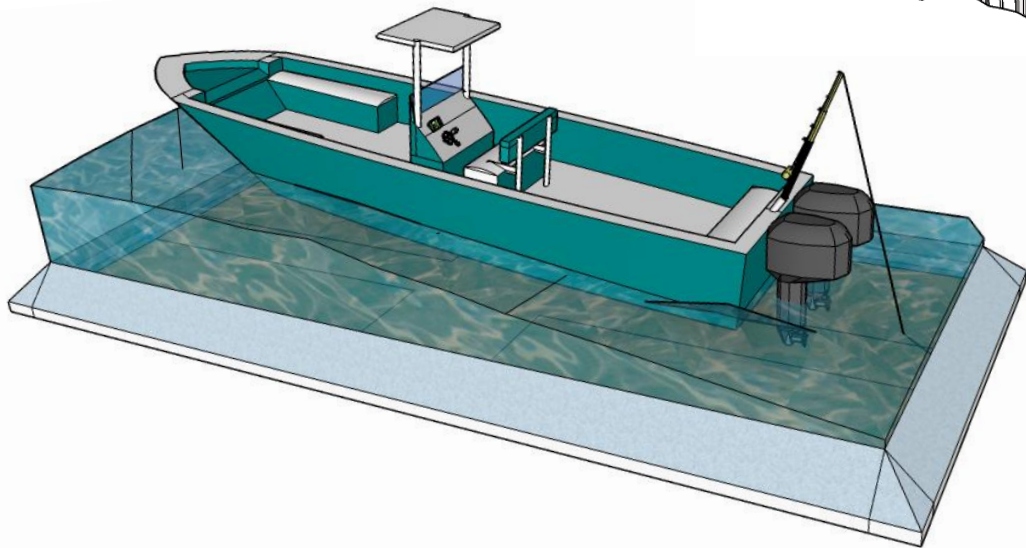
Parker, 6<sup>th</sup> grade



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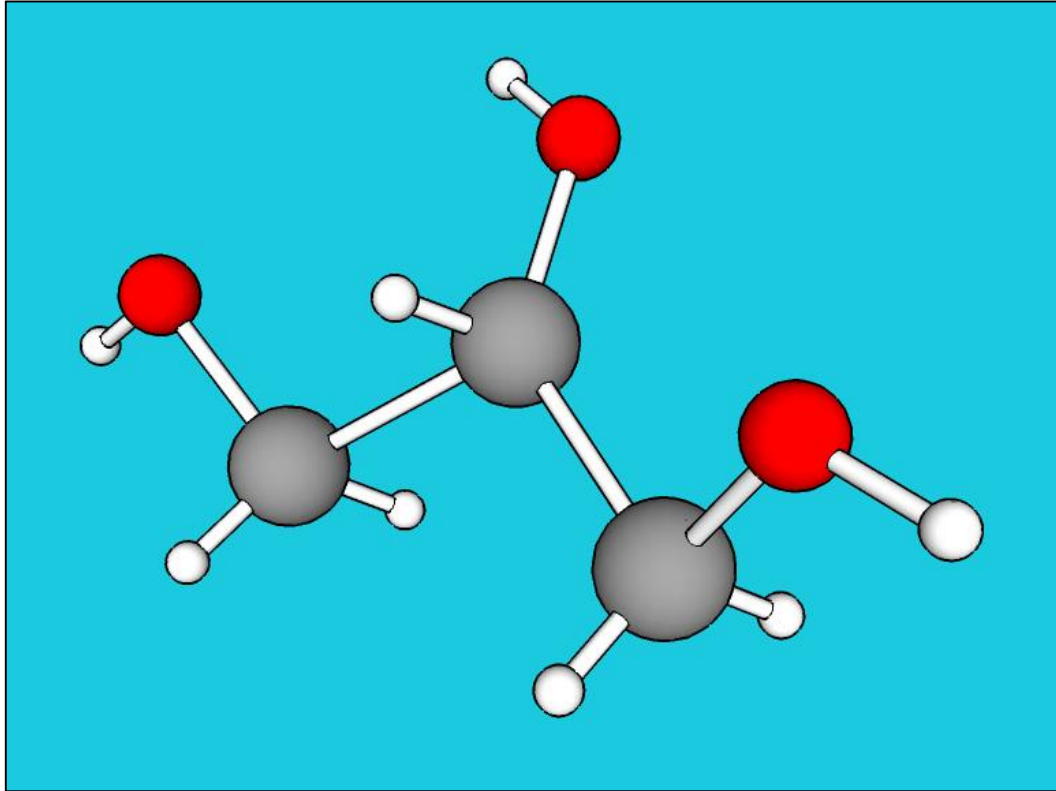
Stuart, 8<sup>th</sup> grade



Jackson, 8<sup>th</sup> grade

These drawings of a boat were created for photographic (2D) presentation, rather than for 3D printing.

# Saint Peter Catholic School Student Art



Jeremiah, 8<sup>th</sup> grade



Jackson, 8<sup>th</sup> grade

These drawings of a glycerol molecule ( $C_3H_8O_3$ ) and the first floor of a house were created for photographic (2D) presentation, rather than for 3D printing.