

# Scientia et Mathematica

## Our Savior Lutheran Quadrivium



### Important Dates

<p><b>OSL TALENT SHOW REGISTRATION CLOSURES</b></p> <p>January 11th</p>	<p><b>F.A.S.T. CLASSES BEGIN</b></p> <p>January 14, 5:30 meal 6:30 classes</p>	<p><b>ASTRONOMY CLUB</b></p> <p>January 16. 8:00 PM Soccer Field</p>
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<p><b>OPT-OUT DEADLINE</b></p> <p>January 15th</p>	<p><b>CLASS PICTURES</b></p> <p>January 21</p>	<p><b>SPIRIT NIGHTS</b></p> <p>Jan 11 - Jason's Deli 11 am - 4 pm</p> <p>Jan 22 - Tony's 4 - 9 pm</p>
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**6th & 7th Science**  
 This week, scholars are exploring the 2nd Law of Thermodynamics and the difference between color and pigment

**8th Science**  
 We are continuing our unit on plants. We are focusing on photosynthesis and reproduction.

**Algebra I**  
 Scholars are learning how to use simultaneous equations to solve real-world problems.

**Tests:**  
 Algebra - 1/13 - Lesson 15  
 Algebra - 1/16 - Lesson 16

**Labs:**  
 6th/7th: Jan 12 - Ice Cream  
 6th/7th: Jan 14 - Color  
 8th: Jan 16 - Seed Dissection

**Contact Me:**  
 Email: [wprestwood@oslschool.org](mailto:wprestwood@oslschool.org)  
 Text: (806) 626-5244  
 Phone: (713) 290-8277

## Memory Work

Watch and pray that you may not enter into temptation. The spirit indeed is willing, but the flesh is weak. Mark 14:38

*The Sixth Petition of the Lord's Prayer:*  
And lead us not into temptation.

*What does this mean?*  
God tempts no one.

We pray in this petition that God would guard and keep us so that the devil, the world, and our sinful nature may not deceive us or mislead us into false belief, despair, and other great shame and vice. Although we are attacked by these things, we pray that we may finally overcome them and win the victory.

## Science Fair - 7th

Deadline for the materials list and procedures is January 15. Please encourage your scholar to use the Science Fair packet to help. They can keep the procedures and materials list in the packet or in a folder. They will eventually be typing everything, organization is important.

## Smart Families

The next online Smart Families Information Event is Tuesday, January 13 at 9:00 am & 7:00 pm. This online session will explore how families can build healthier digital habits—not through strict rules or perfect systems, but through virtues practiced together over time.

### ALGEBRA EXTRA CREDIT THIS WEEK

Simultaneous equations are useful when there are two unknowns. Set up a set of simultaneous equations and solve for the following problem.

Bob and Sarah have been working for a combined 24 years at the same company. Sarah has worked twice as long as Bob. How many years have each of them worked for the company?

System of linear equations

$$ax + by = c$$

$$a_1x + b_1y = c_1$$