



# Math Coach Corner



## PINE VALLEY HAS A NEW K-8 MATH PROGRAM

Kindergarten through 8th grade is using a new math program this year called EnVision Math. EnVision Math is a program that combines problem-based learning with visual learning to promote deep conceptual understanding in number sense. This program comes with beautifully illustrated workbooks and offers a host of online resources for teachers and students. Students have access to an online version of their workbooks as well as games, and math tools. EnVision's philosophy is to teach students strategies to work with numbers concretely and visually rather than making students memorize algorithms that isolate digits. In fact, standard algorithms are not taught until fourth grade in this program. As adults, seeing these strategies may seem strange and we may feel that this "new" math is more cumbersome than the math we grew up with. However, as research shows, students who are given time to work deeply with numbers to develop their own strategies as well as having access to a variety of strategies are far more successful in math than being forced to use a standard algorithm which is abstract and requires memorization of steps. If you'd like additional information, please don't hesitate to contact me.

LET ME KNOW



**CHRISTINA LYNDSEY**  
**INSTRUCTIONAL MATH COACH**  
**CLYNDSEY@PVAL.ORG**

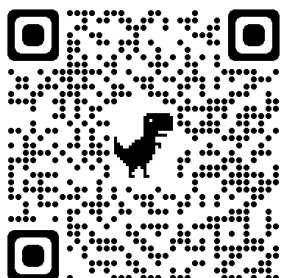
### VIRTUAL NERD

**GRADES 5-8**

**VIRTUAL NERD**

<https://www.virtualnerd.com/>

1,500 Video Math Lessons  
for Middle School, Algebra I,  
Algebra II and Geometry. You can  
search videos for math topics



### ENVISION BOUNCE PAGES

**GRADES K-8**

**BOUNCE PAGES**

Scan the workbook page with the visual  
learning icon and click the "bounce  
page" button to open a video of the  
lesson. The QR below will take you to the  
Bounce Page Camera.  
[www.bouncepages.savvasrealize.com](http://www.bouncepages.savvasrealize.com)





# Instructional Coaches' Corner

## PK – 2ND GRADE

### Three Main Keys to Building Structure

1. Consistency – doing the same thing every time
2. Predictability – expecting or knowing what is going to happen
3. Follow-through – enforcing the consequence (“say what you mean and mean what you say”)

### Creating Structure and Routine Video



## 3RD – 5TH GRADE

### Multiplication Strategies

Students often know 5s facts and 10s facts coming into third grade. Students can use these well-known facts to help solve other lesser-known facts.

#### For Example:

I can use a fives fact to solve  $6 \times 7$ .

If I know that  $5 \times 7 = 35$  then I can add one more group of 7 to get 42.

I can use a tens fact to solve  $9 \times 8$ .

If  $10 \times 8 = 80$

then one less group of eight is 72.

$80 - 8 = 72$



## 6TH – 8TH GRADE

### Did you know...

Children who read at least 20 minutes a day are exposed to almost 2 million words per year and are likely to score better than 90% of their peers on standardized tests.

“Why Read 20 Minutes a Day?” Every Child Reads, [readdbq.org/2014/11/19/read-20-minutes-day/](http://readdbq.org/2014/11/19/read-20-minutes-day/). Accessed 19 October 2022

**Scan QR code to read this article to learn how to become a reading role model at home.**



## 9TH – 12TH GRADE

### How Can I Tell if My Teen Is Depressed?

When teens are depressed, parents may notice a sad or bad mood that lasts for weeks or longer. They may notice other changes, such as:

- Negative outlook. Teens who feel depressed may be hard on themselves or on others. They might focus on failures and setbacks. It may be hard for them to see the good parts of things, or the good parts of themselves.
- Low energy, effort, interest, enjoyment. Teens may lose interest in things they used to enjoy. They may not seem to care. They may put less effort into schoolwork or tasks at home. Things seem to take too much effort. Nothing seems fun or enjoyable.

If your teen is thinking or talking of suicide, find help and guidance right away. Visit the 988 Suicide & Crisis Lifeline website, call 1-800-273-8255, or call or text 988. You can also take your teen to a hospital emergency room or call 911.

(kidshealth.org)

**Scan the QR code to read more about the signs of depression in teens and what you can do to help!**

