

# The Squeeze: Fresh Ideas

VOLUME IV JANUARY 25, 2021

# TechQuest

MAY THE TECH BE WITH YOU 2020 - 2021

**FEBRUARY 17, 2021**  
**1:30 - 5:15 PM**  
**VIRTUAL**

This year's TechQuest will be all virtual and held as part of the district wide Professional Development afternoon.

Visit the TechQuest website online for sessions and professional development opportunities.

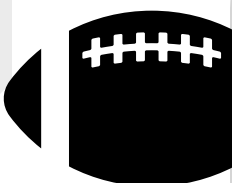
**OUSD TEACHERS**  
**SCREENCASTIFY**  
**SEESAW**  
**TURNITIN.COM**  
**IREADY**  
**NEARPOD**  
**BRAINPOP**

## **OUSD PARTNER SESSIONS**

**APPLE EDUCATION**  
**LEGO EDUCATION**  
**OZOBOT EDUCATION**

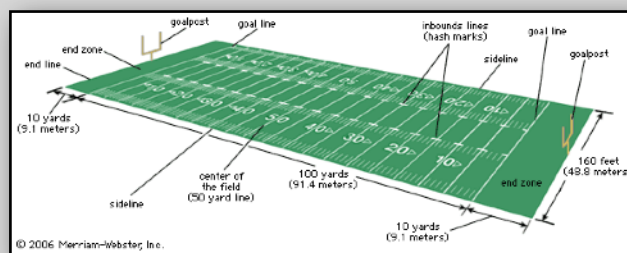
**[WWW.ORANGEUSD.ORG/TECHQUEST](http://WWW.ORANGEUSD.ORG/TECHQUEST)**

## Science



## Are you ready for some Science!

Have students read about the history and concepts of football.



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### FOOTBALL BRAINTEASER



Can you move just two crayons to recreate the goal posts with the "football" on the outside?

The Science of Football - Engage HS students with the Physics behind Football.



"Albert Einstein ~  
Imagination is more important than knowledge.  
I have no special talents. I am only passionately curious.

## EdTech



## To 2021 and New Adventures!

As we kick off a year of moving forward, there are plenty of opportunities to build our instruction and continue to make school fun as well as a place students are excited to be a part of.

We are thrilled to bring TechQuest to a wider audience this year, ecstatic over some of the new partnerships that have been made, and humbled at how much we are all learning from one another. Educational Technology is always excited for new adventures together! Visit the EdTech website for plenty more information.

[WWW.ORANGEUSD.ORG/EDTECH](http://WWW.ORANGEUSD.ORG/EDTECH)

### Apple Professional Learning

Explore new and helpful resources, practice new skills, and reflect on how technology can support your instruction. The Apple Professional Learning center provides ongoing (and free!) learning opportunities available to you!

[Virtual Conferences Link](#)

### New Google Jamboard Tutorials

You asked for it! A new series of tutorials from Educational Technology is now available on the EdTech YouTube Channel. Along with a handful of other helpful tutorials, this new series tackles Google Jamboard in and outside of Google Meet.

[EdTech YouTube Channel](#)

### Self-Paced Learning

Did you know we have an ever-growing library of learning available through Kyte Learning? Some great examples below:

[Amplify: Navigating Science Curriculum Supporting Struggling Readers Digitally iPad Notes App makes Student Thinking Visible](#)



Looking for more ideas and activities?  
[orangeusd.org/math](http://orangeusd.org/math)

## Understanding Place Value...In all Grades

If you are not familiar with Exploding Dots, you really should check it out!

### [James Tanton's Exploding Dots](#)

Exploding Dots is the stunning visual story of place-value as it permeates the entire K-12 mathematics curriculum. See and do grade-school arithmetic in astounding new light. See high school algebra conducted with natural, brilliant ease. And even connect to fascinating unsolved research questions baffling mathematicians to this day. All is incredibly accessible and open to all!

Click [here](#) to get Videos and PDF's to guide of all levels!

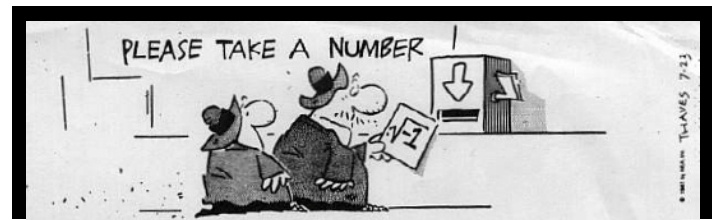
## Kyte and Math!

Allison Helsper at Portola Middle has an excellent course on Parallel Solving. Check it out on Kyte

### [Diverse Learners: Parallel Solving in Math](#)

In this course you can expect to learn about the incredible power of a parallel solve. This is an ESSENTIAL tool for distance learning, especially in math!

## Comic Relief



"Writing in math class supports learning because it requires students to organize, clarify, and reflect on their ideas-all useful processes for making sense of mathematics." -Marilyn Burns

## STEM Checkout (Phase II Launch)

With additional precautions in place, we are excited to re-launch the STEM Checkout program with a limited number of platforms available for checkout. Platforms available will be checked out for 1:1 classroom use and sanitized upon return among other precautions.

Contact Educational Technology or the Programs webpage for reservations

Accompanying iPads available with platforms as well.

[WWW.ORANGEUSD.ORG/EDTECH](http://WWW.ORANGEUSD.ORG/EDTECH)

**WeDo 2.0**  
 LEGO education



**oZobot**  
 evo



**sphero**

**BOLT**

### Jon Ruffridge

TOSA, EdTech

[jruffridge@orangeusd.org](mailto:jruffridge@orangeusd.org)  
 714.628.5716



Jon



Randy



### Randy Kolset

Coordinator, EdTech

[kkolset@orangeusd.org](mailto:kkolset@orangeusd.org)  
 714.628.4110



Mary



### Mary Hinton

TOSA, STEM

[mhinton@orangeusd.org](mailto:mhinton@orangeusd.org)  
 714.628.5536



Paul



### Paul Flores

TOSA, Mathematics

[pflores@orangeusd.org](mailto:pflores@orangeusd.org)  
 714.628.4202