

**Welcome to the 2021
Tice Creek
Parent Information Night!**

This meeting will begin shortly



TICE CREEK SCHOOL

- **Opt-In K-8** program in the Walnut Creek School District
- Curriculum
 - **Common Core Standards**
 - Same curriculum across WCSD
 - Social Emotional Learning
 - **Morning Meeting and Advisory**
 - Focus on **Project Based Learning** in and across curriculum

Why PBL?

- The U.S. Department of Labor predicts today's learners will hold between 10 and 14 jobs by the time they're 38 years old.
- Cell phones have more computing power, more memory than the space shuttle
- Artificial Intelligence will replace 40% of jobs that exist today in the next 15 years. (Kai-Fu Lee, 60 minutes Jan. 13, 2019)





TICE CREEK Design Thinking



ASK

- Understand purpose and audience
- Define boundaries
- Specific criteria
- Describe constraints
- Develop empathy for audience



EXPLORE

- Research information
- Generate questions
- Develop skills



IMAGINE

- Brainstorm ideas
- Design solutions
- Create proposal
- What if? How? Why?



CREATE

- Gather materials
- Build a model/prototype
- Use research

REDESIGN

- Modify design
- Implement feedback
- Tinker

EVALUATE

- Experiment
- Evaluate solutions vs. criteria & constraints

REFLECT

- Review feedback
- Review design & problem
- Consider changes
- Determine success



GO PUBLIC

- Present ideas
- Share problem & solution
- Celebrate!

4 C's

Critical Thinking
Creativity
Communication
Collaboration

Class Structure

- Fluid between two classes in each grade level
- Draws on the strengths and passions
- Collaboration across grade levels





Collaboration and community

What is Executive Functioning?

Working Memory

Governs our ability to retain and manipulate distinct pieces of information over short periods of time.

Cognitive Flexibility

Helps us to sustain or shift attention in response to different demands or to apply different rules in different settings.

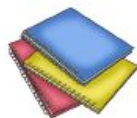
Self-control

Self-control enables us to set priorities and resist impulsive actions or responses.

Executive Functioning Skills



Planning is the ability to figure out how to accomplish our goals.



Organization is the ability to develop and maintain a system that keeps materials and plans orderly.

Time Management

is having an accurate understanding of how long tasks will take and using time wisely and effectively to accomplish tasks.



Task Initiation is the ability to independently start tasks when needed. It is the process that allows you to just begin something even when you don't really want to.



Working Memory is the mental processes that allow us to hold information in our minds while working with it.



Metacognition is being aware of what you know and using that information to help you learn.

Self-Control is the ability to regulate yourself, including your thoughts, actions, and emotions.



Attention is being able to focus on a person or task for a period of time and shifting that attention when needed.



Perseverance is the ability to stick with a task and not give up, even when it becomes challenging.



Flexibility is the ability to adapt to new situations and deal with change.

Why Do Our Kids Need to Practice These Skills?

- Focus on multiple streams of information at the same time
- Monitor errors and find new ways to approach problems
- Make decisions in light of available information and be flexible to change
- Plan ahead looking at both the “big picture” and the details
- Resist the urge to let frustration lead to hasty actions.
- Build strong peer relationships
- Communicate Effectively
- Accept change

How Do We Help Develop and Practice These Skills?

- 1) Ask lots of questions from multiple perspectives with a chance for reflection
- 2) Work together to create schedules, homework areas, and organizational systems.
- 3) Patience is key. Mistakes need to be OKAY



Tice Creek K-2 Experience

- Positive classroom culture
- Critical thinking, creativity, communication, and collaboration
 - Authentic challenges, projects and learning experiences



Kindergarten Driving Question:

How can we make sure we are being good citizens when we are using our tricycles?



**Citizenship Investigation:
What does it mean to be a good citizen?**



Authentic writing experiences

Kindergarten Driving Question:

How can we create a product that entertains us indoors?

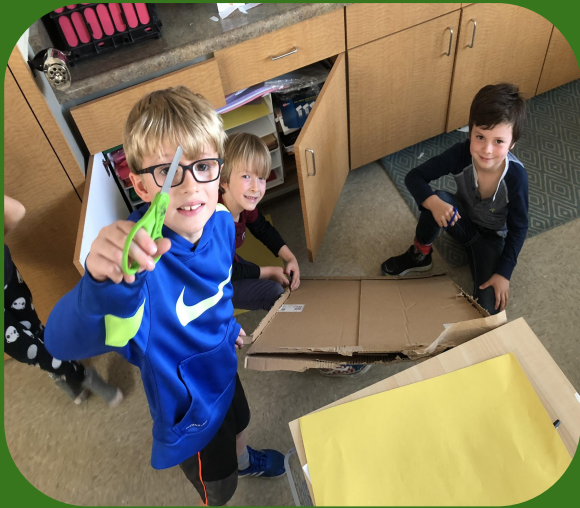


Design thinking

Using tools for reflection

First Grade Driving Question:

How can we create a communication device using light or sound?



Second Grade Driving Question:

How can we use measurement and the 3D printer to create a solution to a storage problem in the classroom?



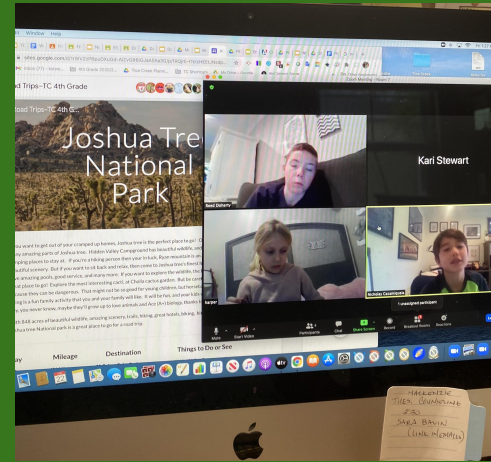
Third Grade Driving Question:

How can we improve the habitats of our native wildlife at Tice Creek?



Fourth Grade Driving Question (In Remote):

How can we create an engaging digital guide for families to explore California's diverse landscapes and historical places of interest?



Product

“Revival of the California Road Trip”

Math Applied in Project-Based Learning

5th Grade Driving Question

How can we design a personal storage pocket that fits our chair to hold our things?



Measuring and creating prototypes



Sewing final product



Measuring fabric and pinning $\frac{1}{4}$ inch seam lines

End Products



Upper School Examples



- Keeping in mind a growing world population, how can we encourage people to adopt more sustainable food practices?
- How can we use the legislative process to enact change in our community?
- What have been the effects of systemic racism in America?
- How can we best prepare for the next 10 years of our lives as we leave Tice Creek?
 - Passion for Action- students write their own DQ



Tasting insects



Sharing their team answer to the driving question

Need to Knows and Research

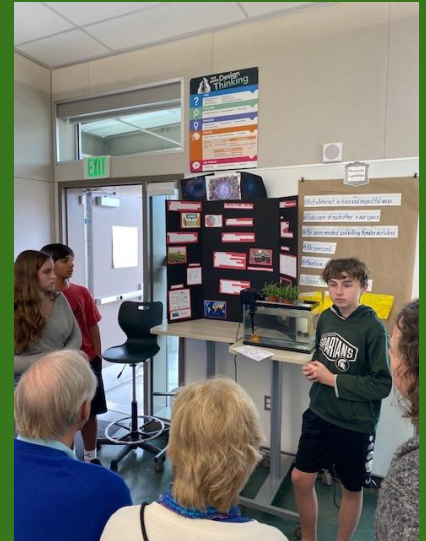
Go Public



Talking to experts



Creating a model cricket farm



Explaining aquaculture as a sustainable option

Learning Fair

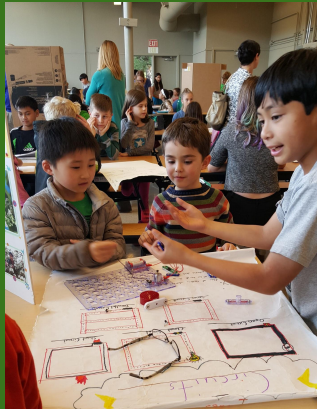
Tice Students have Voice and Choice



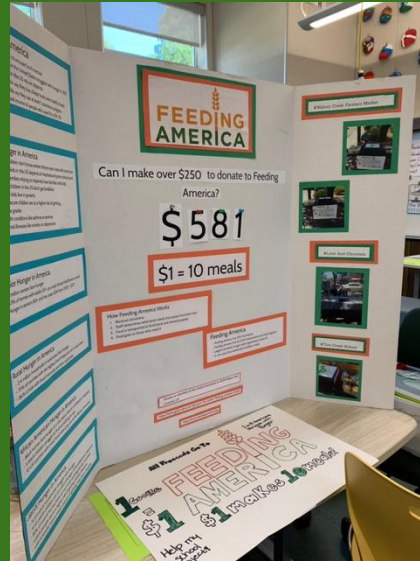
Mandarin



Structural Engineering



Electrical Circuits



Passion for Action



Enrollment and Intra District Transfer

All parent(s)/legal guardian(s) residing within the WCSD who wish to apply to attend a school other than the school of residence, including Tice Creek, must;

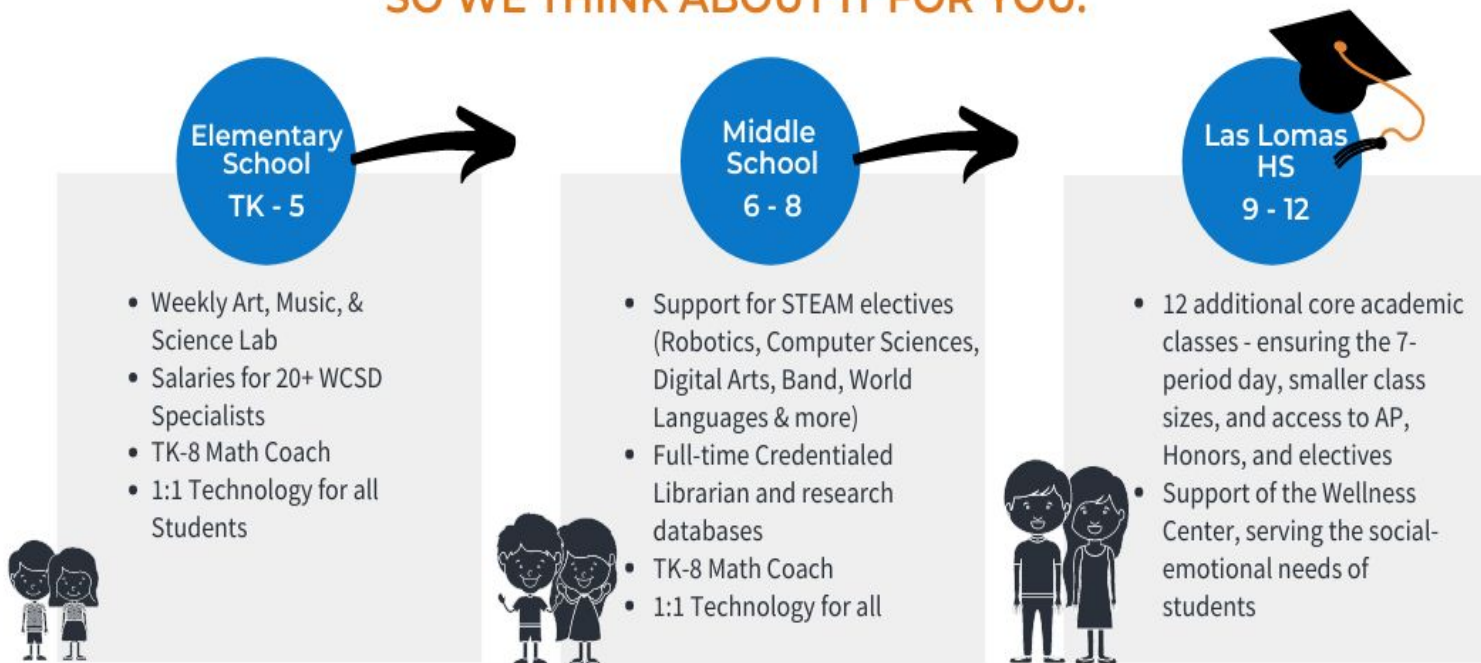
- Be enrolled at your homeschool in WCSD
- Submit an Intra-District Transfer Request during the Open Enrollment Window February 1 through March 15 via WCSD website (walnutcreeksd.org)

Intra District Transfer Process

1. Administrative placements
2. WCSD students who are siblings and who will continue to be enrolled at the same school next year
3. WCSD students in good standing who have attended a school continuously for at least one school year
4. WCSD students who are siblings of a student who will be exiting the requested school
5. All other WCSD student requests for Open Enrollment
6. If necessary, hold school lottery for 2021-2022 school year
 - a. Tentative date is March 26.

WHEN YOUR CHILD ENTERS KINDERGARTEN THE LAST THING YOU WANT TO THINK ABOUT IS GRADUATION.

SO WE THINK ABOUT IT FOR YOU.



**DONATIONS TO WCEF HELP BUILD A STRONG FOUNDATION,
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WALNUT CREEK EDUCATION FOUNDATION (WCEF TK-12)

ELEVATING EDUCATION SINCE 1983



THREE WAYS TO SUPPORT YOUR SCHOOLS

1

DONATE



- Monthly or one time
- Gifts of stock
- Venmo
- Employer matching

2

VOLUNTEER

3

SPREAD THE WORD



LEARN MORE AT WWW.WCEF^{K12}.ORG

Questions?



**TICE CREEK
COYOTES**

Role of Teachers



- Designer
- Coach
- Facilitator
- Mentor

Role of Students



- Designer
- Researcher
- Planner
- Implementer
- Evaluator





Citizenship Investigation: What does it mean to be a good citizen?

