Solana Beach School District

Imagining Our Vivid Vision

Focus Group Meeting #3

January 21, 2020

Welcome, Call to Order, Recap Since We Last Met

❏ Examine digital learning and workplace trends that impact student engagement

❏ Review/refine draft vision and mission statements

❏ Discuss preferred options for SBSD's Vivid Vision and Memorable Mission

Perspectives from an Industry Expert

Dr. Julie Evans

CEO, Project Tomorrow
Lead strategist & chief researcher

JEvans@tomorrow.org
@JulieEvans_PT

Today's discussion

- About Project Tomorrow

- Two big questions to consider:

  What are students' perceptions about **digital learning** – and what does that mean for your vision planning?

  What do we know about parents and educators' views on **workplace skill development** and students' aspirations for those learning experiences?

- Some extended learning resources for you

About Project Tomorrow
www.tomorrow.org

- Nonprofit education organization supporting K-12 education since 1996

- Mission is to ensure today's students are well prepared for the future

- Programs and research focus on role of innovation and new learning models within the education ecosystem.

Speak Up Research Project: national research to help education leaders make better decisions about new learning experiences

Professional Learning, Evaluation & Efficacy Studies: customized studies and experiences that support local decision-making and implementations of new learning models

About the Speak Up Project
www.tomorrow.org/speakup

- Annual research project since 2003
- We provide education leaders with a **suite of online surveys** to collect feedback from their stakeholders
- **All preK-12 schools are eligible to participate**
- Participating entities get **summary reports with all locally collected data** + state and national data for benchmarks
- 100% free turnkey service provided by Project Tomorrow
- National reports inform edu, biz and policy

Since 2003, over 5.7 million K-12 stakeholders have submitted a Speak Up survey

Key findings from the Speak Up Research

- Greater emphasis on linking tech to students' global skill preparation

- Interest, acceptance and implementation of new learning models

- Students' self-directed digital learning outside of school influencing their expectations for school

- Meet the new digital parent – with their new demands & higher aspirations

- Thinking beyond engagement to understanding tangible outcomes from digital learning

- Increasing criticality for Internet connectivity – at school and at home

- Digital connectivity as a social justice issue

- Connections between leadership and digital effectiveness

- Digital learning is really a metaphor today for education transformation

Predicated on three types of learning experiences:

Socially-based learning

Un-tethered learning

Contextually relevant learning

"Knowing it and seeing it are two different things."
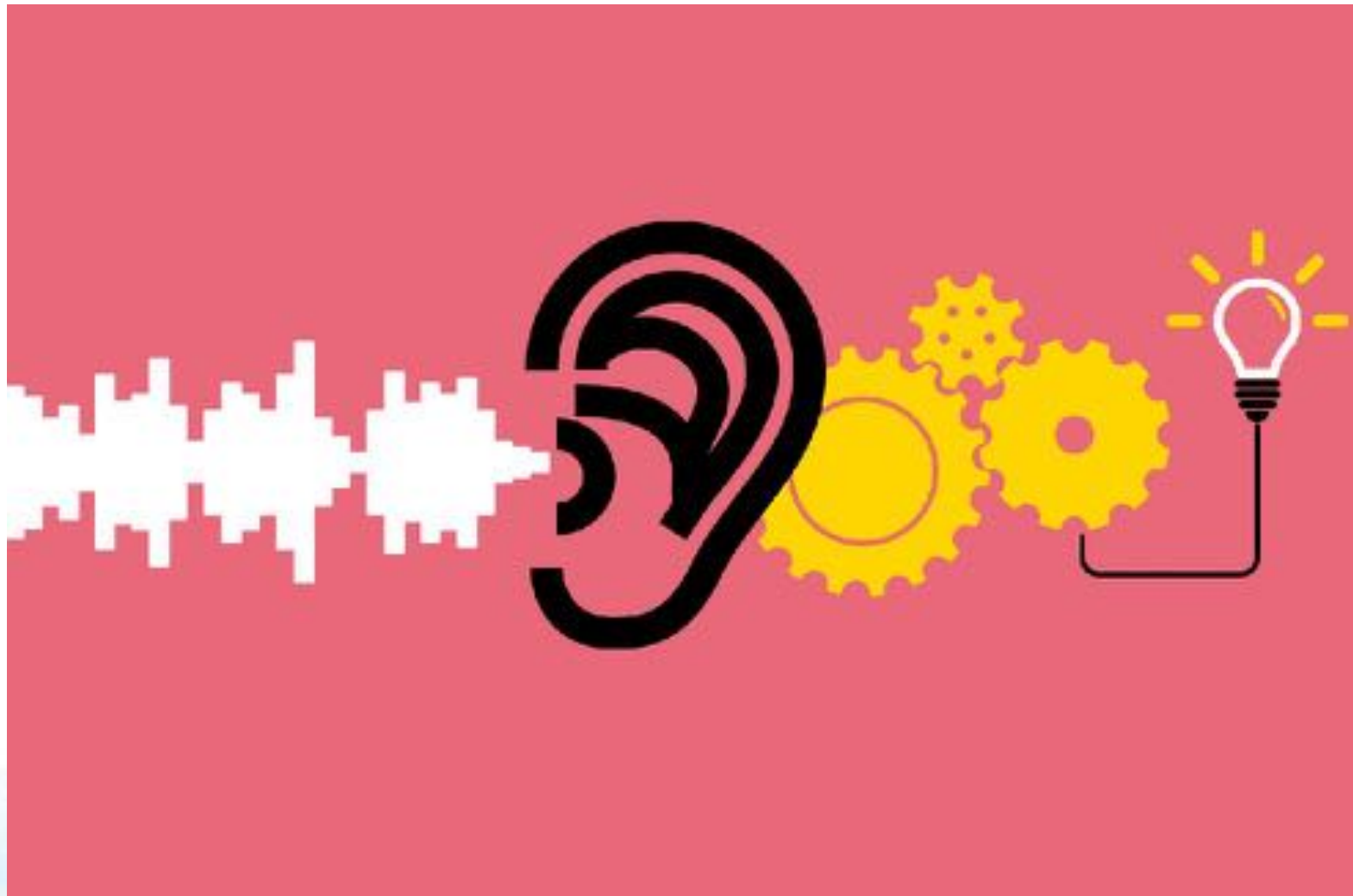
Suzanne Collins, Mockingjay

What do you see?

Are we all seeing the same thing today?

Are our students, parents and teachers seeing things differently?
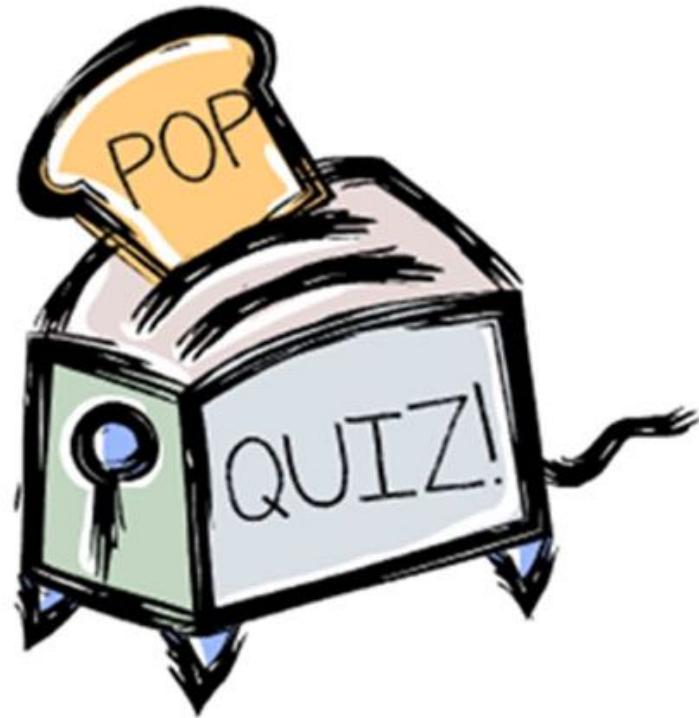
How can we use the feedback from our stakeholders to improve our sight?

Our research work is designed to improve educators' sight lines – so that your local decisions are more responsive to your stakeholders' needs and aspirations

Are you ready for a pop quiz?

POP

QUIZ!

Pop Quiz: TRUE or FALSE

TRUE or FALSE

1. 6th graders say the #1 outcome from using technology in class is that they are more engaged in what they are learning.

2. When asked about the benefits of learning coding, 6th graders identify the most important benefit as helping them develop skills for a future job in a computer field.

3. 43% of 6th graders say that they are learning important skills for their future through their involvement with YouTube.

4. Majority of 6th graders say that they use technology more outside of school to support learning than in the classroom today.

Are you as smart as a 6th grader about …. ?

For our discussion, we will leverage Speak Up findings from the 2018-19 school year:

289,273 K-12 students from all 50 states

- **Including 92,807 Grade 6-8 students nationwide**

- **And 8,553 Grade 6-8 students from San Diego County schools**

Representing a diverse set of schools and communities

- 41% rural – 33% suburban – 26% urban
- 59% Title 1 eligible schools

Let's start with some context:

Preparing Students for the WORLD OF WORK [Speak Up 2018-19 Findings]

What concerns you about your child's future?

1. Having to take on too much student tuition debt *(54% of parents from San Diego County)*

2. Not learning the right skills in school to be successful in the future *(41%)*

3. Having to compete with better educated workers around the globe for jobs *(35%)*

What are those "right skills?"

Besides strong subject area knowledge, what college/workplace skills are most important for students to acquire to be successful in the future?

✔ Critical thinking and problem solving skills *(90%)*

✔ Ability to work with diverse groups of people *(78%)*

✔ Teamwork and collaboration skills *(78%)*

✔ Creativity *(78%)*

✔ Financial literacy *(77%)*

✔ Ability to learn independently *(72%)*

✔ Technology skills *(65%)*

What are the best ways for your child to develop those "right skills?"

- Getting work experience *(79%)*

- Participating on a sports team or academic group *(70%)*

- Participating in school leadership activities *(65%)*

- Project based learning experiences at school *(65%)*

- Working on group projects with classmates *(57%)*

- Using technology within his/her classes at school *(54%)*

- Learning how to code *(48%)*

School view on workplace skills

"Administrators are increasingly focused on infusing workplace skill development within instruction."

WHY?

✔ Prepare students for workplace

✔ Close the achievement gap

✔ Address inequities in education

✔ Personalize learning

School view on workplace skills

"Administrators are increasingly focused on infusing college and career ready skill-oriented learning experiences within instruction."

WHY?

✔ Prepare students for workplace

✔ Close the achievement gap

✔ Address inequities in education

✔ Personalize learning

And seeking digital learning solutions to support these goals ….

What technology or digital learning environments are implemented in schools today?

Project Tomorrow's Digital Learning Maturity Model

Established (> 66% of administrators report as implemented)	Developing (~50% of administrators report as implemented)	Nascent (~ 1/3 of administrators report as implemented)
Using social media tools to communicate with parents and students	Students are assigned a 1:1 mobile device to use in school	Blended learning environments for students
Cloud based collaboration tools such as G Suite for Education	Online professional development classes for teachers	Students are assigned a 1:1 mobile device to use in school and to take home
Students have periodic access to mobile devices to use in class to support instruction	Online textbooks for use by students	Game based learning experiences
Use of videos, simulations and animations	Online classes available for students	Flipped learning environments for students

What types of access to computer devices do students have to support learning in class?

Grades	Tablet	Laptop	Chromebook	Computer Lab
K-2	43%	21%	51%	35%
Gr 3-5	20%	19%	71%	29%
Gr 6-8	14%	28%	64%	25%
Gr 9-12	7%	29%	49%***	23%

*** In 2014, only 16% of high school students reported using a Chromebook in school – +2X growth in 4 years

How are students using laptops, Chromebooks & tablets to support learning in school?

Teacher-directed activities:

- Do Internet research
- Play education games
- Take online tests
- Creating docs to share
- Work on projects w/classmates
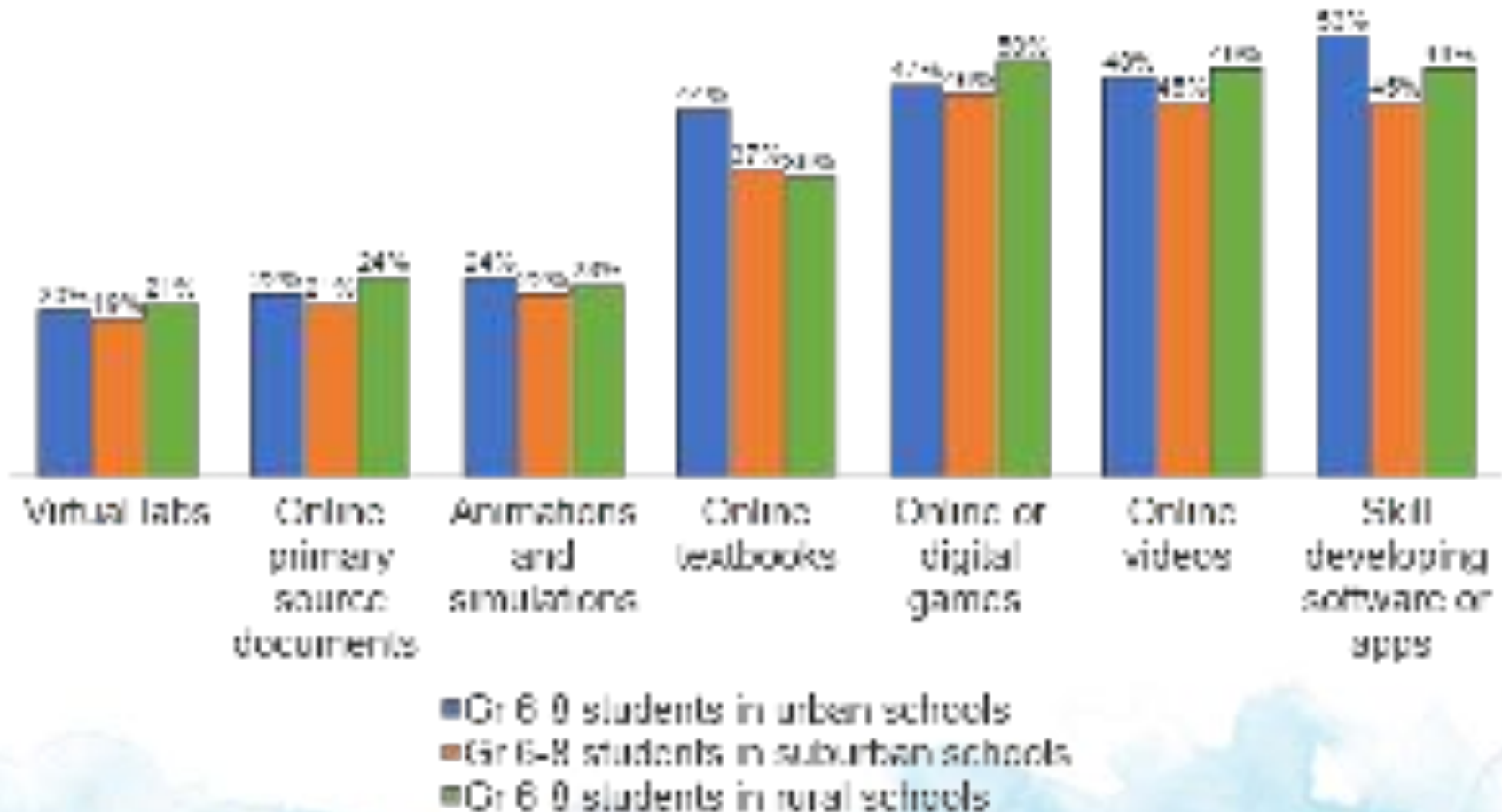- Read online articles
- Use online textbooks

Student self-directed activities:

- ✔ Check grades
- ✔ Look up class info
- ✔ Using online dictionary
- ✔ Email teacher w/questions
- ✔ Take notes
- ✔ Receive reminders re: tests, projects
- ✔ Watch videos to support learning

What digital content and online resources are students using in school?

Weekly usage of digital content by middle school students

Legend:
- Gr 6-8 students in urban schools
- Gr 6-8 students in suburban schools
- Gr 6-8 students in rural schools

Categories: Virtual labs, Online primary source documents, Animations and simulations, Online textbooks, Online or digital games, Online videos, Skill developing software or apps

What obstacles do you face using technology at school for learning?

Top responses from San Diego County students in grades 3-5:

1. The Internet is too slow.
2. I can't use my own mobile device at school.
3. I can't access my social media accounts at school.
4. I can't communicate with classmates using technology in school.
5. There are too many rules at school that limit technology use.

Top responses from San Diego County students in grades 6-8:

1. I can't use my own mobile device at school.
2. The Internet is too slow.
3. I can't access my social media accounts at school.
4. There are too many rules at school that limit technology use.
5. Teachers limit our technology use in class.

Students like learning!
Especially our 6th graders

✔ **I like learning how to do things – 64%**

✔ **I like learning how to build or make things – 57%**

✔ **I like learning about new ideas – 55%**

✔ **Knowing how to use technology is important for my future – 46%**

How do **adults** define the value of digital learning?

How do **adults** define the value of digital learning?

Heavy emphasis on increased **engagement in learning** as the primary outcome or value of digital learning

- ❖ 98% of San Diego County principals say 1:1 programs have a positive impact on **student engagement.**

- ❖ 71% say **student engagement** is the #1 benefit of using digital content.

- ❖ San Diego County teachers identify **student engagement** as the top outcome from their use of technology in the classroom.

- ❖ District administrators identify **student engagement** as the primary metric for evaluating the success of digital initiatives.

How do **6th graders** define the value of digital learning?

How do **6ᵗʰ graders** define the value of digital learning?

Benefits of using technology to support learning	% of students in Grades 6 who agree
✔ **Improved academic outcomes**	
Better grades and test scores	61%
Stronger understanding of class content	55%
More likely to complete homework assignments	51%
✔ **Future-ready skill development outcomes**	
Creativity skill development	57%
Application of knowledge to practical problems	48%
Critical thinking skill development	48%
Collaboration skill development	47%
✔ **Personalized learning outcomes**	
Learning at one's own pace	58%
In control of the learning process	50%
Fits personal learning goals and style	50%

How do **6th graders** define the value of digital learning?

But what about **engagement** ....?

Doesn't make the student top 10 list: only **45% of 6th graders** identify increased engagement as a key outcome of using technology to support schoolwork

What we may see as the **"student engagement"** the students themselves see as the **"process of developing creativity skills and being in control of their own learning."**

Students' relationship with technology

Per San Diego County students:

- #1 benefit of learning coding – developing creativity skills

- Out-of-school STEAM experiences – best if they include opportunity to create or build something

- I like learning when I am in control of the learning process

- Ultimate school must-have: digital content creation tools

Students' relationship with technology

"I am using technology more outside of school for learning than inside of school."

- 51% of 6th graders nationwide agree

- 54% of middle school students in San Diego County agree

For your consideration: implications of students' out of school self-directed learning on visioning for school today

"I am using technology more outside of school for learning than inside of school."

✔ Learning is no longer dependent upon in-school instruction.

✔ Students are developing habits and preferences for self-directed learning.

✔ Students' experiences outside of school is influencing their expectations for in-school learning.

✔ Parents' have a broader view on what constitutes learning and education.

✔ Students are developing workplace skills through their self-directed learning experiences.

For your consideration: implications of students' out of school self-directed learning on visioning for school today

"I am using technology more outside of school for learning than inside of school."

Case study:

Learning activities using YouTube

Case study: Learning activities using YouTube

Video is a learning modality for most of us now!

- 86% of San Diego County teachers say they regularly watch videos to learn how to do something.

- 55% say that they specifically watch videos to support their own self-directed professional learning to improve their teaching practice.

- In most San Diego County classrooms, video usage within instruction is a weekly activity (59%).

- 86% of teachers report using video to support learning in their classroom at least monthly.

Case study: Learning activities using YouTube

Video is a learning modality for San Diego County students also!

Favorite way to learn for:

- 52% of K-2 students
- 38% of Gr 3-5 students

I learn more watching a video than reading a book

39% of Gr 6-8 students agree

Watching videos to learn how to do something:

44% of Gr 6-8 students say they do this "often + all the time"

Best ways to learn about future jobs or careers?

Watch an online video says 46% of students

YouTube usage:

84% of students in grades 6-8 say they use YouTube often + all the time

Students' experiences with ▶ YouTube

Creators, curators, influencers, learners

YouTube activity	% of students in grades 6-8 who agree	
	Girls	Boys
Recommended YouTube content to a friend	53%	49%
Use YouTube for my own self-directed learning	50%	44%
Posted a comment on a video	41%	46%
Regularly seek homework help on YouTube	34%	27%
Have my own YouTube channel	21%	35%
Posted a self-created video	15%	27%
Started a business on YouTube	4%	7%

For your consideration: implications of students' out of school self-directed learning on visioning for school today

Creators, curators, influencers, learners

"The skills that I am learning at school
   are important for my future."

- 51% of 6th graders agree

For your consideration: implications of students' out of school self-directed learning on visioning for school today

Creators, curators, influencers, learners

"The skills that I am learning at school are important for my future."

- 51% of 6th graders agree

"I am learning important skills for my future through my experiences on YouTube."

- 43% of 6th graders agree

For your consideration: implications of students' out of school self-directed learning on visioning for school today

✔ This is not just about engagement.

✔ This is not just about outcomes – but also about the processes of:

- content creation
- finding an audience
- developing skills
- learning how to participate in the information intensive economy and society

✔ How can we leverage this reality to can impact our education initiatives?

Let's think differently about workplace skill development!

The 6ᵗʰ grade student wish list for STEAM experiences:

1. Provides an opportunity for me to make or build something that I can take home. (61%)

2. Meet up with other students who share my interests. (51%)

3. Do experiments or labs that I cannot do at home. (50%)

4. Do activities that are designed by kids like me. (48%)

5. Solve real world problems or challenges. (44%)

Let's think differently about workplace skill development!

Students are interested in coding experiences

Student sub-groups	% who say they are interested in learning how to code in school	% who say they are already doing this in school
Girls – Grades K-5	50%	6%
Boys – Grades K-5	60%	7%
Girls – Grades 6-8	60%	5%
Boys – Grades 6-8	69%	8%
Grade 6-8 students in Title 1 schools	67%	7%
Grade 6-8 students in rural communities	63%	6%

Let's think differently about workplace skill development!

Why the interest in coding?

Per 61% of 6th graders, coding = creativity skill development

Let's think differently about workplace skill development!

The 6th grade student vision for their ultimate school includes:

A device for every student – 81%

Internet access everywhere – 71%

Online and digital games – 64%

Mobile apps for learning supports – 64%

Online videos – 61%

Animations and simulations – 60%

Media tools to help students create – 59%

Are you as smart as a 6th grader about …. ?

How can we support this student vision in Solana Beach schools?

Socially-based learning

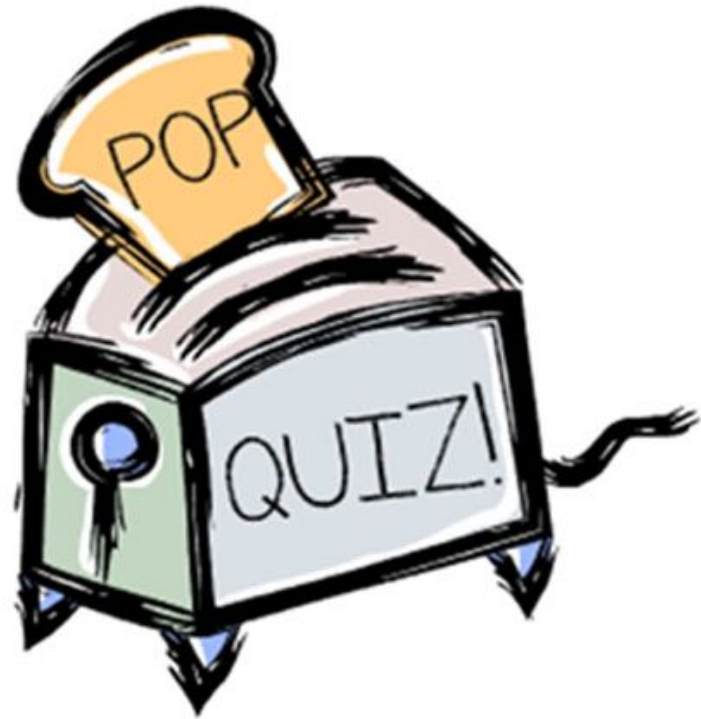**Un-tethered learning**

Contextually relevant learning

"The voyage of discovery is not in seeking new landscapes, but in having new eyes."

Marcel Proust

Seeing with new eyes empowers us to collectively build new capacities within our schools and communities for meeting the challenges of K-12 education and preparing every student for future success.

How did you do on our pop quiz?

Today's pop quiz: TRUE or FALSE

TRUE or FALSE

1. 6th graders say the #1 outcome from using technology in class is that they are more engaged in what they are learning.

2. When asked about the benefits of learning coding, 6th graders identify the most important benefit as helping them develop skills for a future job in a computer field.

3. 43% of 6th graders say that they are learning important skills for their future through their involvement with YouTube.

4. Majority of 6th graders say they use technology more outside of school to support learning than in the classroom today.

Today's pop quiz: TRUE or FALSE

TRUE or FALSE

1. 6th graders say the #1 outcome from using technology in class is that they are more engaged in what they are learning.

    F

2. When asked about the benefits of learning coding, 6th graders identify the most important benefit as helping them develop skills for a future job in a computer field.

    F

3. 43% of 6th graders say that they are learning important skills for their future through their involvement with YouTube.

    T

4. Majority of 6th graders say that they use technology more outside of school to support learning than in the classroom today.

    T

More resources available at www.tomorrow.org

National Speak Up reports and infographics

Targeted and thematic reports
    Educational Equity
    Digital learning trends
    School communications
    Mobile learning
    Blended learning outcomes

Presentations, podcasts and webinars

Services: consulting, workshops, evaluation and efficacy studies
✔ *We have expertise in the evaluation of new learning environments including mobile implementations, online resources, blended learning and digital content usage*

Speak Up is open now for school and district participation
Learn what your students, parents and staff think about coding!
More information: www.tomorrow.org/speakup

Invitation for your district to participate in the Speak Up Research Project
www.tomorrow.org/speakup

Online surveys available for:
- o *K-12 students – individual + group*
- o *Parents – English and Spanish*
- o *Teachers*
- o *Librarians/Media Specialists*
- o *School Site & District Administrators*
- o *Technology Leaders*
- o *Community Members*
- o *Communications Officers*

❖ Surveys open from August through June
❖ Two formats: Speak Up 360 or Speak Up Snapshots
❖ 100% free – with full data reports for you!

Let's talk!

Your questions, thoughts, comments, ideas

Thank you for inviting me to be part of your discussion today!

**Dr. Julie A. Evans
CEO, Project Tomorrow
jevans@tomorrow.org
@JulieEvans_PT
949-609-4661**

Words Matter

Tired Terms in Education

STEAM

21s Century Learning

Lifelong learning

Best Practices

Equity

Research-based

Rigor

Data Driven

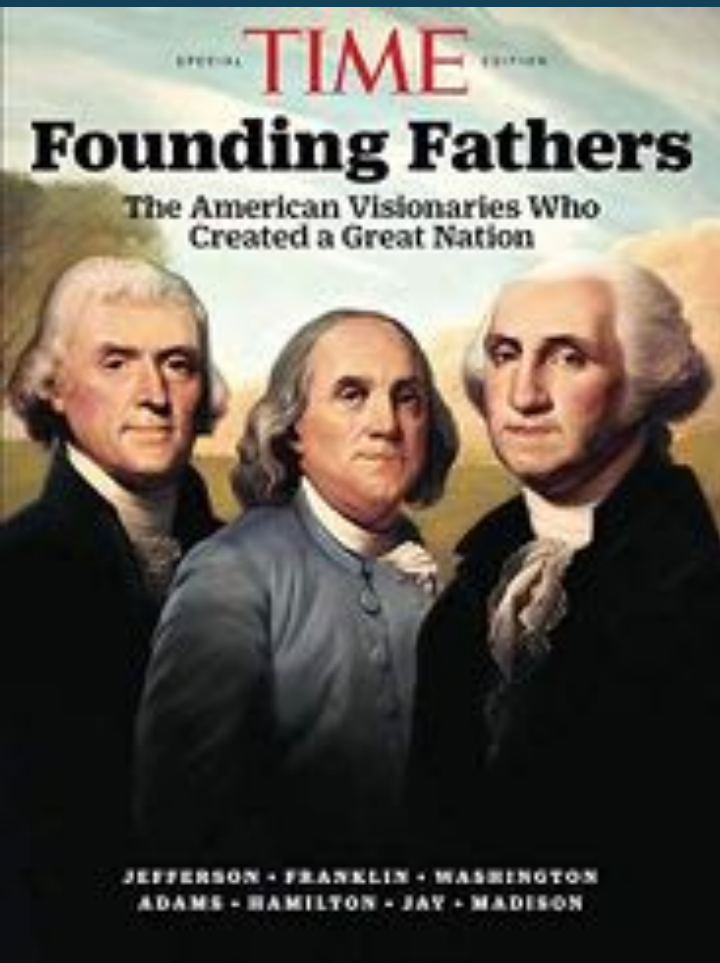Reaching your potential

Are there others you would add?

The SBSD Vision Statement Should:

- **Provide direction and clarity for your work.**
- **Withstand technical, cultural or political change.**
- **Not require an explanation.**
- **Not become outdated.**

Those who have a why, can endure any how.

Friedrich Nietzsche, German Philosopher

"We the People of the United States, in Order to form a more perfect Union, establish Justice, insure domestic Tranquility, provide for the common defense, promote the general Welfare, and secure the Blessings of Liberty to ourselves and our Posterity, do ordain and establish this Constitution for the United States of America."

Based on what's been heard and learned at our Focus Group sessions:

1. Review the draft vision statements.

2. Identify your table's prefered statement. Suggest any revisions that would make this statement stronger.

3. If one of the Founding Fathers were here, what would they like or say about your statement?

NEXT STEPS