

## **PCHS Technology Mission**

We seek to support the PCHS Mission—"PCHS will empower our diverse student population to make positive contributions to the global community by dedicating our resources to ensure educational excellence, civic responsibility, and personal growth."—by engaging students with digital devices and preparing them to use these devices as productive members of society and implementing technology that creates and supports the best possible learning environment for students staff, and the community.

### **Priority/Goals:**

#### **1. Student Learning**

- a. Implement learning resources that embrace and exploit the flexibility and power of technology to reach all students with differentiated needs
- b. Students have information access anytime and anywhere
- c. Use technology to enhance Science, Technology, Engineering, and Math (STEM) learning and Digital Media Arts
- d. Promote Personalized Learning
- e. Enable students to use technology to demonstrate authentic learning and 21st Century Skills
- f. Students use technology to demonstrate proficiency in meeting existing state adopted standards and new Common Core State Standards

#### **2. Productivity**

- a. Provide technology tools for productivity and efficiency across the District
- b. Evaluate our technological systems and practices in order to streamline workflow and eliminate unnecessary redundancy
- c. The district will continue to strive toward interoperability of various instructional and business systems to facilitate data driven instruction and increase operational efficiency.
- d. Use technology to create clear, open and easily accessible lines of communication among all stakeholders

#### **3. Data and Assessment**

- a. Provide accurate and up-to-date assessments and reporting, both external and internal, that give timely and actionable feedback
- b. Use technology for a variety of formative and summative assessments with meaningful data analysis that will drive future instruction and effective student interventions
- c. Data systems are online, linked, and appropriately available

#### **4. Support Teachers and Staff**

- a. Educators and students have access to technology-based content, resources, and tools
- b. All staff receive ongoing professional development in appropriate and ethical use of information technology

- c. Use collaboration technologies to develop communities of practice
- d. Provide professional learning experiences powered by technology and promote the cultivation of Personal Learning Networks
- e. Invest in time for effective PD that is coherent to PLC goals, contains active learning, and has a dedicated focus on content knowledge
- f. Develop and promote a system of micro-credentials to recognize educators for the skills they learn throughout their careers in order to craft powerful learning experiences for their students.

**5. Equity and Access**

- a. The District adopts minimum standards for technology for each level across school sites
- b. The District prioritizes allocating funds for technology
- c. The District provides staff to support technology
- d. The District provides staff development for technology

# STUDENT LEARNING

**Strategies:** PCHS will strive to support and enhance the following educational technology resources/models in an effort to increase student achievement through personalization of the learning experience

- **Schoology:** Schoology is the official LMS (Learning Management System) of PCHS and is viewed as an extension of each individual teachers classroom. This is a “one stop shop” that allows students, parents and support staff to view assignments and in progress grades as well as act as a robust communication tool between all stakeholders and individual groups.
- **Infinite Campus:** Infinite Campus is the official SIS (Student Information System). The Parent and Student Portals are confidential and secure web sites that allow parents and students to log in and view class schedules, assignments, attendance, behavior, semester report cards, progress reports, transcripts, school email messages and more. The goal of the Parent and Student Portals is to create a better partnership between parents, students and teachers above and beyond the extended classroom environment that Schoology provides.
- **Personalized Learning:** PCHS will continue to develop instructional models that that support learning based on the learner’s specific interests, pace, and preferences. Increasing use of technology can provide students an element of choice, access to information, and the opportunity to take ownership for their own learning.
- **Virtual Academy:** PCHS will continue to provide high quality, online, educational opportunities and classes to supplement the learning options for students. The mission of PCHS’s Virtual Academy is to provide Pali High students with a progressive alternative to the traditional classroom. All courses are Common Core and A-G aligned. Students will work independently to access curriculum while adhering to all due dates, seminar dates, and coordinator meetings.
- **Digital Portfolios:** The use of digital learning portfolios, in addition to physical ones, can act as a learning record to track students learning goals. Additionally, the use of portfolios can be used by teachers to guide student progress and as a tool to communicate learning to parents.
- **Online Resources:** PCHS employs a wide variety of online resources to support academic content. Current examples include Achieve 3000, IXL, MathType, ALbert.io, Acellus Academy, MasteringBiology, Adobe Creative Suite, Edgenuity, Follett Destiny Library Manager, Thomas Gale Infotrac, JSTOR, Oxford Online, Turnitin, and APEX Learning just to name a few. This list of resources is reviewed on a regular basis in an effort to ensure the greatest return on investment.

- **Blended / Flipped Classrooms:** Increasingly, teachers across all divisions are incorporating some elements of blended learning in their lessons. The district provides training and support for staff in order to effectively utilize Schoology as the official PCHS online learning management system.
- **Virtual/Augmented Reality:** In order to recognize the value in new and emerging trends in educational technology PCHS promotes students participation in virtual field trips and simulations.

## Areas of Focus

### **CURRICULUM INTEGRATION**

Our intent with the PCHS tech plan is to focus on learning, not simply the use of technology. We believe that there are many paths to mastery, and students can use technology as one path to reach their learning goals and that strong pedagogy and engaging teaching strategies should always act as the foundation on which technology is implemented. PCHS firmly believes that teachers should never introduce new edtech tools just for the sake of adding tech into the curriculum. PCHS believes in using the SAMR model to help educators infuse technology into teaching and learning. It is about students choosing how to best be productive, and how to create for an authentic audience through the use of new and emerging technologies.

Instead of standards which focus on a discrete set of skills, the CCSS highlight the need for students to analyze information and demonstrate understanding in a broader context. Critical thinking, problem solving and decision making have now moved to the forefront for teaching and learning. Students use critical thinking skills to plan and conduct research, develop projects, solve problems and make informed decisions using the appropriate digital tools and resources. The goal for integration of technology into the curriculum is for students to develop 21st Century Learning Skill as outlined in the **4 C's**:

- a. Collaboration
- b. Communication
- c. Critical Thinking
- d. Creativity

### **INFORMATION LITERACY**

Although access to information is important it should be accompanied with an ever growing stress on the importance of information literacy. One of the most empowering elements of social and digital media is the opportunity to learn anything, anytime, anywhere. There are thousands of worthwhile sources out there; how to seek out, select, and streamline information

sources is a quality that PCHS strives to instill in our students. The definition of an information literate person extends beyond school and application to academic problems--such as writing a research paper--and reaches right into the workplace and everyday life. Information literacy is also important to effective and enlightened citizenry, and has implications that can impact the lives of many people around the globe. PCHS strives to create information literate students with the ability to use information technologies effectively to find and manage information, and to critically evaluate and ethically apply that information to solve a problem.

## DIGITAL CITIZENSHIP

As we provide students with more and more access to the internet and integrate more technology in the classroom, it's obvious that students and educators need to examine the consequences of their online activity - both good and bad. With evidence mounting every year against the efficacy of multitasking PCHS want our students to thrive in the digital world and feel that they must be taught and practice mindfulness and sustained attention, in addition to understanding the consequences of constantly checking their devices and social media sites. Given that many colleges and employers judge prospective students and employees based on their social media profiles, PCHS has made it a priority to teach students the importance of their *digital footprint* and that they should each strive to create online personas that project more positive constructions of self. PCHS has adopted the Common Sense Media<sup>®</sup> curriculum in addition to other educational resources in order to raise awareness among students and staff on the importance of maintaining an online code of ethics that resonates with the values and mission statement of PCHS. PCHS will place into action the following measure to help establish this culture:

- Schoolwide in class activities which include direct instruction of content, active student engagement and teacher led discussions.
- Anti-cyberbullying campaign embedded into and across the curriculum
- Assemblies, speakers, posters and informational handouts provided yearly to not only establish but maintain a clear message that PCHS will not tolerate the use of social media as a form of harassment, bullying, discrimination, threats, or defamation of other students and staff.
- Create a *PCHS Social Media Policy* that clearly outlines the expectations of behavior from students and the disciplinary or legal ramifications that will occur for any violation of this policy.