Information and Communication Technology
Publication and Media Design (High School)

Berkeley International School
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The Information and Communication Technology (ICT) program provides opportunities for students to further develop digital literacy skills through the use of technology. ICT plays an important role for every 21st century learner, encouraging students to develop the technology and innovation skills to prepare them for today's media-driven world.

Publication and Media Design Course:
Throughout this course students will learn how to effectively communicate through visual means using technology. They will develop an understanding of layout and color, and use words, symbols and images to create material in class. This class is designed for students who want to work towards designing, creating and publishing the **Berkeley Yearbook.** The class will work to help create a photo-journalistic yearbook for the entire school Kinder-Grade 9. Students will be responsible for some photo shoots, and article write-ups throughout the semester. Publications will be shared with peers and the Berkeley Community. Students will also study and analyze the work of peers and selected designers.

The Curriculum:
The standards used at Berkeley are closely based on the the ISTE NETS for students and the Common Core State Standards. These standards are designed to promote transformative learning and ensure that learners are presented with opportunities to make the best use of the ICT resources that are available to them. Although ICT has its own standards and curriculum, it is also woven into the core curriculum in order to enhance student learning and retention.

The following diagram summarizes the ICT Curriculum.

Promoting responsible digital citizens is recognized as having an "umbrella" role in the use of technology, and is consistently integrated within all lessons. Digital citzenship can be defined through the Legal, Appropriate, Responisble, and Kind (LARK) policy. Technology instruction and integration is underpinned by Technology Operations and Concepts. Students continuously learn and increase their knowledge of various software and tools as they work with technology.
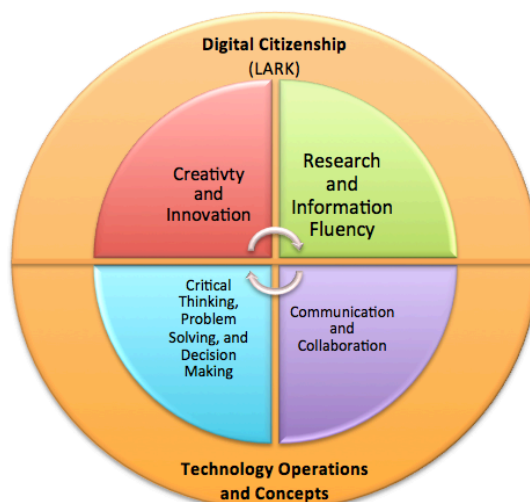

Diagram adapted from the ISTE Standards
http://www.iste.org/standards

Areas of Monitored Progress:

Students will demonstrate progress towards the Technology Standards in the following areas (which is also reflected on the Standard Based Report Cards):

1. **Creativity and Inovation:** Demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.
2. **Communication and Collaboration:** Use digital media and environments to communicate and work collaboratively inciluiding at a distance, to support indidvual learning and continute to the learning of others.
3. **Research and Information Fluencey:** Apply digital tools to gather, evaluate, and use information.
4. **Critical Thinking, Problem Solving and Decision Making:** Use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources.
5. **Digital Citizenship:** Understand human, cultural , and societal issues related to technology and practice legal and ethical behavior.
6. **Technology Operations and Concepts:** Demonstrate a sound understanding of technology concepts, systems and operations.

Berkeley School wide ESLRs (Expected School wide Learning Results):
7. **Effective Communication:** Effectively communicate ideas, thoughts, and opinions with the aid of technology in an concise and organized manner in personal, public and global spheres.
8. **Responsible Global Citizenship:** Uses technology as a means to understand the world around them.
9. **Independent Learner:** Motivated and take an active role in the learning process through engaging in all class activities, and troubleshooting problems independently.

General Information

Students will have class twice a week. During this time students will work to enhance their technology skills while working both independently and collaboratively with peers within the classroom. Students will be working with a wide variety of software and web 2.0 tools. Students will be responsible for working in class to finish assigned tasks. Some extra hours may be required to finish tasks and assignments, and the lab will be available after school.

Rules and Expecations of Technology Use

A complete list of rules and expectations can be found in Berkeley's Responsible Use policy.

Students should keep in mind the following class rules:
1. Come to class with a positive attitude towards learning.
2. Always try your best!
3. Respect others and the learning environment.
4. Keep the LARK policy in mind when using technology (Legal, Appropriate, Responsible and Kind).

Technology Skills:
(but not limited to)

- Create digital products
- Use a variety of media
- Evaluate design and layout
- Perform program operations
- Use technology vocabulary
- Problem-solve and trouble shoot
- Research designers and design styles
- Use worldwide connections to extend learning

Technology Tools:
(but not limited to)