



# Information and Communication Technology (Grades PreK-K3)

**Berkeley International School**

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The Information and Communication Technology (ICT) class provides opportunities for our younger students to explore and develop digital literacy skills through the use of technology. ICT plays an important role for every 21<sup>st</sup> century learner, encouraging students to develop technology skills while supporting their learning.

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 at every grade level. 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 citizenship can be defined through the Legal, Appropriate, Responsible, 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 Innovation (Make It):** Students will use technology to make a product.
2. **Communication and Collaboration (Share It):** Use digital media to share ideas and work with others in an effort to support their own learning.
3. **Digital Citizenship:** Show respect to technology equipment and others while using devices.
4. **Technology Operations and Concepts:** Demonstrate an understanding of the concept and technology skills introduced.

### Berkeley School wide ESLRs (Expected School wide Learning Results):

5. **Effective Communication:** Communicate ideas and thoughts with the aid of technology.
6. **Responsible Global Citizenship:** Uses technology as a means to understand the world around them.
7. **Independent Learner:** Take an active role in the learning process through participating in all class activities.

## General Information

Students in PreK to K2 will have class twice a week for 30 minutes. The K3 students will attend class once a week for 45 minutes. During this time students will work in the lab to build a base of technology skills while working both independently and with peers in the classroom. Students will be working with a wide variety of software and web 2.0 tools in order to explore their technology skills.

## Rules and Expectations of Technology Use

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.

## Technology Skills: (but not limited to)

- Use a mouse to point and click
- Identify the parts of the computer
- Begin to identify keys
- Create digital media
- Use technology to reinforce skills
- Participate in whole class and independent work
- Respect others and technology

## Technology Tools: (but not limited to)

