Assessment Appendix Guide - Technology

Tech -

Formative Assessments:

* Take an Online Safety Quiz to show that you know how to be a safe Internet surfer. Write a letter to a friend and share what you learned with them.: <http://www.safekids.com/quiz>
* How cybersmart are you? Take a Cybersafety quiz; you are guided through 11 questions and you need to make a decision about what you would do.: <http://www.cybersmart.gov.au/kids.aspx>
* Watch a video on how to handle Cyberbullying: [http://kids.ikeepsafe.org](http://kids.ikeepsafe.org/)
* Watch a video on why it's so important to follow the rules for online safety: [http://kids.ikeepsafe.org](http://kids.ikeepsafe.org/)
* Identify different types of information, including print, electronic, and media-based information. [The 21st Century COACH T37]
* Identify locations of information (knowing where to look) [The 21st Century COACH T38]
* Focus research by asking questions, and look for reliable sources [The 21st Century COACH T42]
* Understand how a newsletter can help you share news.
* Work together as a class to create a class newsletter. Students need to come up with the look and design of the newsletter, research/write articles, and include art and/or drawings.
* Small groups of students will be presented with a problem. They will analyze the problem, research it, come up with potential solutions, and present it to the class using a digital tool (their choice).
* Use technology to collect, organize, and analyze data that supports scientific findings.
* Discuss the Design Process; students will then create a poster illustrating each component [https://teachengineering.org/engrdesignprocess.php]
* Discuss the positive and negative impacts of technology on society.
* Activity Resource: http://discoverdesign.org/design/choose-project
* (Current events) Technology and a Product's history/sustainability; presentation to the class
* (Current Events) Technology and Ethics; presentation to the class
* Cyberbullying: Common Sense Education Unit 3: Cyberbullying: Crossing the Line: <https://www.commonsensemedia.org/educators/lesson/cyberbullying-crossing-line-6-8>
* Code Studio Course 2 (20 hrs): https://studio.course.org

Summative Assessments:

* Pre-requisite skills taken once at the beginning of the year
* Standards-based common assessments
* End of unit assessments

Benchmarks:

* Quizzes
* Homework

Extension Activities:

* Ghost Typing: <https://www.abcya.com/games/ghost_typing>
* Cup Stacking Typing: <https://www.abcya.com/games/cup-stack-typing-game>
* Activity Resource: https://teachengineering.org/engrdesignprocess.php; click on *Introduction to Engineering*
* Activity Resource: <http://pbskids.org/designsquad/parentseducators/guides>
* Brainstorm different kinds of systems around us and what parts make it up (ranging from very simple to complex, e.g. biological, mechanical, human/mechanical, ecological, computer, etc.)
* Body parts work together to build a body system. Students go on-line to *All Systems Go!* And play the game about body systems [<http://sciencenetlinks.com/media/filer/2011/10/13/allsystems.swf>]
* Typing Agent
* Practice appropriate online behavior and understand the consequences of inappropriate behavior related to cyber safety and cyber security.
* Let’s Take a Typing Speed Test! - Take a minute to find out your true typing speed and to get a typing skills analysis.: http://www.typingtest.com
* Keyboarding Games: http://www.abcya.com/search.htm?text=Keyboarding
* Learning.com
* Internet Safety: Common Sense Education Unit 2: Safe Online Talk: <https://www.commonsensemedia.org/educators/lesson/safe-online-talk-6-8>
* BrainPOP- online sources
* BrainPOP- information privacy
* Code Studio Course 2 Unplugged Activities: https://studio.course.org
* Code Studio Course 3 (20 hrs): https://studio.course.org
* Code Studio Course 4 (20 hrs): https://studio.course.org
* Code Studio Infinity Play Lab: https://studio.course.org
* Code Studio Flappy Code: https://studio.course.org
* Code Studio Play Lab: https://studio.course.org
* Code Studio Artist: https://studio.course.org