The "Communicate" Activity Types

Being able to use clear communication with a diverse audience allows individuals to express themselves, collaborate with others, document their work, and explain their thinking. The ability to effectively communicate is a valuable skill for school, work, and everyday life. Computer science students demonstrate and refine their communication skills through completion, collaboration, and presentation of computational artifacts.

Table 7: "Communicate" Activity Types

Activity Type	**Brief Description**	**Possible Technologies**
Justify with Data Sets	Students communicate an idea through selecting, organizing, and interpreting large data sets.	Mindmapping/brainstorming tools (e.g. Popplet, Coggle, MindMup), online diagram tools (e.g. draw.io, Google Drawings), presentation tools (e.g. Prezi, Google Slides)
Document/ Explain	Students use appropriate terminology and documentation to explain their artifacts and processes.	Online terminology glossary (e.g. Java Glossary), online diagram tools (e.g. draw.io, Google Drawings), presentation tools (e.g. Prezi, Google Slides), code documentation generator (e.g. Doxygen, Javadoc)
Articulate Ideas Responsibly	Students adhere to copyright laws and give proper attribution to any work borrowed.	Copyright information and checking tools (e.g. Copyright Genie, Fair Use Evaluator), search engines (e.g. Creative Commons, Google), citation generator (e.g. EasyBib, BibMe)