

Range of Computing Activity Attributes

A Complex Computing Activity is a computing activity or project that has some or all of the following characteristics:

	Characteristics	Description
1.	Range of resources (people, money, equipment, materials, information, and technologies)	Involves the use of diverse resources.
2.	Level of interactions	Requires resolution of significant problems arising from interactions among wide-ranging or conflicting technical, computing, contextual, or other issues.
3.	Innovation	Involves creative use of knowledge of computing or domain principles in novel ways.
4.	Consequences to society and the environment	Has significant consequences in a range of contexts.
5.	Familiarity	Can extend beyond previous experiences by applying principles-based approaches.