

# Computer Science Standards of Learning

November 2017

## Standards by Responsibility

Grade Level	Teacher integrated into subject area		Instructional Technology Coach	First 2 weeks of school – computer time in class(15-30 min)
Subject area	Reading	Math/Science		K.5, K.6, K.7, K.8, K.10, K.11
K	K.1,K.3	K.4,K.9	K.2	
1 <sup>st</sup>	1.4, 1.5, 1.6	1.1, 1.11	1.1 ,1.2, 1.3	1.7, 1.8, 1.9, 1.10, 1.12, 1.13
2 <sup>nd</sup>	2.1, 2.2, 2.4, 2.6	2.5, 2.11, 2.12	2.1, 2.2, 2.3	2.7, 2.8, 2.9, 2.10, 2.13, 2.14, 2.15
3 <sup>rd</sup>	3.1, 3.2, 3.7	3.5, 3.6, 3.12, 3.13	3.1, 3.2, 3.3, 3.4	3.8, 3.9, 3.10, 3.11, 3.14, 3.15, 3.16 (History), 3.17
4th	4.7	4.1, 4.2, 4.5, 4.6 4.12, 4.13	4.1, 4.2, 4.3, 4.4, 4.14	4.8, 4.9, 4.10, 4.11, 4.15 (VA Studies), 4.16, 4.17, 4.18
5th	5.6, 5.15	5.1, 5.2, 5.5, 5.11, 5.12,	5.1, 5.2, 5.3, 5.4, 5.13	5.7, 5.8, 5.9, 5.10, 5.14, 5.16, 5.17

ITC will be using Scratch and Scratch Jr. for looping and debugging standards, Spheros will be used as well.

Gizmos would help the following standards – 3.12, 4.12, 5.11

Science projects would assist with the following standards – 3.13, 4.13, 5.12