

Technology Needs for Classroom/Curricular Requirements

Finalized 2/2016 (Review Date: 2/2017)

Elementary Schools – Recommended Model

KN	1 st Grade	2 nd Grade	3 rd Grade	4 th Grade	5 th Grade
6 computers per classroom for interventions (rotating schedule) <ul style="list-style-type: none"> • ST Math • iStation 	6 computers per classroom for interventions (rotating schedule) <ul style="list-style-type: none"> • ST Math • iStation 	6 computers per classroom for interventions (rotating schedule) <ul style="list-style-type: none"> • ST Math • iStation 	6 computers per classroom for interventions (rotating schedule) <ul style="list-style-type: none"> • ST Math • iStation 	6 computers per classroom for interventions (rotating schedule) <ul style="list-style-type: none"> • ST Math • iStation 	6 computers per classroom for interventions (rotating schedule) <ul style="list-style-type: none"> • ST Math • iStation
3 computers for assistive/supplemental programs in ESE-SC classrooms	3 computers for assistive/supplemental programs in ESE-SC classrooms	3 computers for assistive/supplemental programs in ESE-SC classrooms	3 computers for assistive/supplemental programs in ESE-SC classrooms	3 computers for assistive/supplemental programs in ESE-SC classrooms	3 computers for assistive/supplemental programs in ESE-SC classrooms

For assessment needs, the recommendation is that each elementary school have 2 labs in order to appropriately schedule for assessment windows including Common Assessments, EOC, FAIR, FSA, iStation, and ST Math (ideally, one for primary with 18 computers and one for intermediate grades with 22 computers).

Middle Schools – Recommended Model - Finalized 2/2016 (Review Date: 2/2017)

6th Grade ELA	7th Grade ELA	8th Grade ELA
<i>Read 180</i> Requires 7-9 computers for rotations per period	<i>Read 180</i> Requires 7-9 computers for rotations per period	<i>Read 180</i> Requires 7-9 computers for rotations per period
<i>Reading – single block intensive - with Technology Component</i> Requires 7-9 computers for rotations per period	<i>Reading – single block intensive - with Technology Component</i> Requires 7-9 computers for rotations per period	<i>Reading – single block intensive - with Technology Component</i> Requires 7-9 computers for rotations per period
6th Grade Math	7th Grade Math	8th Grade Math
Intensive Math – requires 11 computers – half the class	Intensive Math – requires 11 computers – half the class	Intensive Math – requires 11 computers – half the class
		*Carnegie Algebra I Regular & Geometry Honors – requires 25 computers, 40% of the time *For identified students (strongly recommend that the same teacher be assigned to Algebra 1 Regular & Geometry Honors)
4 computers per ESE SC classroom 6-8th Grade 6 -8th World Languages 1 Language Lab/teacher unit		

- One mobile lab of 22 devices for every 6 core teachers per school to meet curriculum needs.
- Middle School Science Grades 6-8 curriculum does not require the use of computers, but as we move more to a project/inquiry model, it would be beneficial for teachers to have consistent access to tablets or laptops. We suggest either of the following:
 1. Every science teacher should have at least 3-4 student stations for research/rotation purposes (preferably 6 per science teacher) or
 2. One mobile cart per grade level dedicated to Science.
- Middle School Social Studies Grades 6-8 – While computers are not mandatory for civics, the review sites, Florida Citizen and Escambia are only available online. These sites have tutorials, content reading samples, as well as practice questions.
- 6th Grade and 8th Grade Health Education, curricula content should be displayed for students through streaming technology. Health Education teachers need a computer, internet access, and a screen to stream content.
- Physical Education, a tablet per teacher is recommended for attendance and assessment purposes.
- For assessment needs, the recommendation is that each middle school have 1-9 labs of 25 computers in order to appropriately schedule for assessment windows including Common Assessments, EOC, FAIR, and FSA.

High Schools – Recommended Model - Finalized 2/2016 (Review Date: 2/2017)

9th Grade ELA	10th Grade ELA	11th Grade ELA	12th Grade ELA
<i>Read 180</i> Requires 7-9 computers for rotations per period	<i>Read 180</i> Requires 7-9 computers for rotations per period	<i>Read 180</i> Requires 7-9 computers for rotations per period	<i>Read 180</i> Requires 7-9 computers for rotations per period
<i>Reading with Technology Component</i> Requires 7-9 computers for rotations per period	<i>Reading with Technology Component</i> Requires 7-9 computers for rotations per period	<i>Reading with Technology Component</i> Requires 7-9 computers for rotations per period Khan Academy ELA Integration 5-6 computers weekly practice	<i>Reading with Technology Component</i> Requires 7-9 computers <u>for</u> rotations per period Khan Academy ELA Integration 5-6 computers weekly practice
9th Grade Math	10th Grade Math	11th Grade Math	12th Grade Math
Carnegie Algebra I – requires 30 computers per 2 teachers, 40% of the time	Carnegie Algebra I – requires 30 computer per 2 teachers, 40% of the time	Carnegie Algebra I – requires 30 computers per 2 teachers, 40% of the time	Carnegie Algebra I – requires 30 computers per 2 teachers, 40% of the time
Algebra 1 CR	Algebra 1 CR	Algebra 1 CR	Algebra 1 CR
30 computers for every 6 sections	30 computers for every 6 sections	30 computers for every 6 sections	30 computers for every 6 sections
9-12th Grade World Languages 1 Language Lab/teacher unit			

- Four computers for every self-contained ESE classroom per school.
- For course recovery, one Grad Point lab with 30 computers per school.
- For AP Capstone, 1 laptop lab for every 6 sections of AP Capstone Seminar and AP Research.
- One mobile lab of 25 devices for every 6 core teachers per school to meet curriculum needs.
- For assessment needs, the recommendation is that each high school have 3-11 labs of 25 computers in order to appropriately schedule for assessment windows including Common Assessments, EOC, FAIR, and FSA.
- For Future Plans implementation, the Education Foundation has provided 25-30 computers (depending upon the dedicated space per school) for the completion of these plans for all 10th graders (being implemented through HOPE classes).