# TECHNOLOGY NEEDS FOR CLASSROOM/CURRICULAR REQUIREMENTS
Finalized 3/2015 (Review Date: 2/2016)

## *ELEMENTARY SCHOOLS – Recommended Model*

| KN | 1st Grade | 2nd Grade | 3rd Grade | 4th Grade | 5th Grade |
|---|---|---|---|---|---|
| 6 computers per classroom for interventions (rotating schedule):<br>• ST Math<br>• iStation | 6 computers per classroom for interventions (rotating schedule):<br>• ST Math<br>• iStation | 6 computers per classroom for interventions (rotating schedule):<br>• ST Math<br>• iStation | 6 computers per classroom for interventions (rotating schedule):<br>• ST Math<br>• iStation | 6 computers per classroom for interventions (rotating schedule):<br>• ST Math<br>• iStation | 6 computers per classroom for interventions (rotating schedule):<br>• ST Math<br>• 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
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| 6th Grade ELA | 7th Grade ELA | 8th Grade ELA |
|---|---|---|
| **_Read 180_**<br>Requires 7-9 computers for rotations – per period | **_Read 180_**<br>Requires 7-9 computers for rotations – per period | **_Read 180_**<br>Requires 7-9 computers for rotations – per period |
| **_Reading with Technology Component_**<br>Requires 7-9 computers for rotations – per period | **_Reading with Technology Component_**<br>Requires 7-9 computers for rotations – per period | **_Reading with Technology Component_**<br>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 – requires 25 computers, but 40% of the time<br>*for identified students | *Carnegie Algebra I – requires 25 computers, but 40% of the time<br>*for identified students |
| 4 computers per ESE SC classrooms | 4 computers per ESE SC classrooms | 4 computers per ESE SC classrooms |

One mobile lab of 22 devices for every 6 core teachers per school to meet curriculum needs.

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*
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| 9th Grade ELA | 10th Grade ELA | 11th Grade ELA | 12th Grade ELA |
|---|---|---|---|
| *Read 180* Requires 7-9 computers for rotations – per period | *Read 180* Requires 7-9 computers for rotations –per period | *Read 180* Requires 7-9 computers for rotations –per period | *Read 180* Requires 7-9 computers for rotations – per period |
| *Reading with Technology Component* Requires 7-9 computers for rotations – per period | *Reading with Technology Component* Requires 7-9 computers for rotations – per period | *Reading with Technology Component* Requires 7-9 computers for rotations – per period | *Reading with Technology Component* Requires 7-9 computers for rotations – per period |
| **9th Grade Math** | **10th Grade Math** | **11th Grade Math** | **12th Grade Math** |
| Carnegie Algebra I – requires 30 computers per 2 teachers, but 40% of the time | Carnegie Algebra I – requires 30 computer per 2 teachers s, but 40% of the time | Carnegie Algebra I – requires 30 computers per 2 teachers, but 40% of the time | Carnegie Algebra I – requires 30 computers per 2 teachers, but 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 |

- Four computers for every self-contained ESE classroom per school.
- For course recovery, one Grad Point lab with 30 computers per school.
- 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).