Recommendations Changes for Digital Literacy Requirements

Grade Level Bands	K-6 EXPLORERS	7-8 USERS	9-12 CREATORS
Recommended changes for grade level coursework	**Keyboarding: (required)** **3rd grade (recommended)** Follow up activities throughout elementary experience. *See nets-s standards*. Multiple options for instruction including; using software (free) in labs, clusters of computers in classrooms, one to one devices, textbooks, and direct instruction by teacher. Include variety of inputs (keyboards, speech recognition, (split keyboard) thumb typing). **5th grade** (keyboarding competency assessment) **Digital Literacy competency:** **6th grade** – Broad digital literacy instruction focused on applications (word processing, simple spreadsheets, and presentations), ethics, internet and social media navigation, device literacy, and safety. **Simple Coding:** Upper grades, not required, but resources and programs available for interested teachers.	**CTE Intro:** **7th grade** - Reframe the coursework to include more computer science content and programming/coding in IT area content. Remove programing content from Business Area to eliminate overlap. Overall CTE Intro coursework needs to be more connected to current career pathways and life skills. **Digital Literacy: (required .5)** **8th grade** – Pilot new 8th grade course; aligning to *IC3 GS4 and Computer Technology course implemented in Fall of 2013 – higher rigor. *Test out option – IC3 GS4	**Require another .5 Digital Literacy Course 9-12 (student choice)** Possible choices: • Intro to IT • Exploring CS • Web Development • Business Webpage Design • Comp Tech II • Digital Bus Apps • Desktop Publishing • Digital Media • Computer Programming I • Database Fundamentals • Intro to GIS • AP Comp Science principles *Graduation credit could be earned by passing Computer/IT based industry exam Computer Science could serve as additional science credit with lab.
Variables to consider	• Keyboarding is dependent on facilities • Online assessments will tie up existing labs • Resources/consequences needed when students don't meet benchmarks	• Who will teach 8th grade course formally taught in HS? (may be issues with qualifications/license) • Cost to upgrade school to wireless for more access • Can this be a general ed requirement vs. CTE?	• Rural districts may need access to TICE courses • Think about creating blended pathways with courses that slide across grade bands.
Next Steps	• Survey districts about the possible changes to get input about the logistics of transitions and capacity in elementary schools to accomplish goals as well as determining who qualifies to teach the courses K-12 • Present recommendations to Board in October or November Board meeting. • Use nets-s standards to develop grade band specific outcomes • Adopt ISTE standards for educators/school systems		