

Standards Correlations

Digital Technology Foundations (6160, 6161)

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
|---|---|--|
| Demonstrating Personal Qualities and Abilities | | |
| Demonstrate creativity and innovation. | <p>English: 6.1, 6.3, 6.4, 6.6, 6.7, 6.9, 7.1, 7.3, 7.4, 7.6, 7.7, 7.9, 8.1, 8.3, 8.4, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8</p> <p>History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WG.4, WHI.1, WHII.1</p> <p>Mathematics: 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.10, 6.11, 6.12, 7.2, 7.3, 7.8, 7.9, 8.2, 8.4, 8.6, 8.7, 8.11, 8.12, 8.17, 8.18, A.9, AFDA.3, AFDA.4, AFDA.5, AFDA.6, AFDA.7, AFDA.8, AII.9, COM.1, COM.3, COM.4, COM.5, COM.8, DM.7, DM.1*, DM.10, DM.2*, DM.3*, PS.3*, PS.4*, PS.7*, PS.9*, PS.10*</p> <p>Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1</p> | |
| Demonstrate critical thinking and problem solving. | <p>English: 6.1, 6.3, 6.4, 6.5, 6.6, 6.7, 6.9, 7.1, 7.3, 7.4, 7.5, 7.6, 7.7, 7.9, 8.1, 8.3, 8.4, 8.5, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8</p> <p>History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WG.4,</p> | |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
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| | WHI.1, WHII.1 Mathematics: 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.10, 6.11, 7.2, 7.3, 7.8, 7.12, 7.13, 8.2, 8.4, 8.8, 8.9, 8.10, 8.11, A.8, A.9, G.1, G.13, G.14, AFDA.3, AFDA.5, AFDA.8, AII.9, AII.10, AII.11, COM.1, COM.3, COM.4, COM.5, COM.8, DM.4, DM.7, DM.1*, DM.2*, DM.3*, DM.9*, PS.9*, PS.10* Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PS.1 | |
| Demonstrate initiative and self-direction. | English: 6.1, 6.4, 6.6, 6.7, 6.9, 7.1, 7.4, 7.6, 7.7, 7.9, 8.1, 8.4, 8.6, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 | |
| Demonstrate integrity. | English: 6.1, 7.1, 8.1, 9.1, 9.5, 10.1, 10.5, 11.1, 11.5, 12.1, 12.5 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 | |
| Demonstrate work ethic. | English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: CH.1 | |
| Demonstrating Interpersonal Skills | | |
| Demonstrate conflict-resolution skills. | English: 6.1, 6.2, 6.4, 6.6, 6.7, 6.9, 7.1, 7.2, 7.4, 7.6, 7.7, 7.9, 8.1, 8.2, 8.4, 8.6, 8.7, 8.9, 9.1, 10.1, | |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
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| | 11.1, 12.1 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, VUS.1 | |
| Demonstrate listening and speaking skills. | English: 6.1, 6.2, 6.4, 6.6, 7.1, 7.2, 7.4, 7.6, 8.1, 8.2, 8.4, 8.6, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 | |
| Demonstrate respect for diversity. | English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, USII.9, VUS.1, VUS.13, WG.1, WHI.1, WHII.1 | |
| Demonstrate customer service skills. | English: 6.1, 6.4, 6.7, 7.1, 7.4, 7.7, 8.1, 8.4, 8.7, 9.1, 9.5, 9.6, 10.1, 10.5, 10.6, 11.1, 11.5, 11.6, 12.1, 12.5, 12.6 History and Social Science: CE.1, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 | |
| Collaborate with team members | English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.3, CE.4, GOVT.1, GOVT.16, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 | |
| Demonstrating Professional Competencies | | |
| Demonstrate big-picture thinking. | English: 6.1, 6.4, 7.1, 7.4, 8.1, 8.4, 9.1, 9.5, 10.1, 10.5, 11.1, 11.5, 12.1, 12.5 History and Social Science: CE.1, CE.4, CE.12, GOVT.1, GOVT.15, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 | |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
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| Demonstrate career- and life-management skills. | English: 6.1, 6.7, 7.1, 7.7, 8.1, 8.7, 9.1, 9.6, 10.1, 10.6, 11.1, 11.6, 12.1, 12.6 History and Social Science: CE.1, CE.4, CE.12, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 8.4 | |
| Demonstrate continuous learning and adaptability. | English: 6.1, 6.4, 6.7, 6.9, 7.1, 7.4, 7.7, 7.9, 8.1, 8.4, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.1, 11.5, 11.6, 11.8, 12.1, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.3, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: BIO.1, CH.1, LS.1, PH.1, PH.4, PS.1 | |
| Manage time and resources. | English: 6.1, 6.2, 6.4, 6.7, 6.9, 7.1, 7.2, 7.4, 7.7, 7.9, 8.1, 8.2, 8.4, 8.7, 8.9, 9.1, 9.5, 9.6, 9.8, 10.1, 10.5, 10.6, 10.8, 11.2, 11.5, 11.6, 11.8, 12.2, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.11, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.10, 6.11, 6.12, 7.2, 7.3, 7.8, 7.9, 7.10, 7.11, 7.12, 7.13, 8.4, 8.11, 8.12, 8.13, 8.14, 8.17, 8.18, A.4, A.5, A.8, A.9, AFDA.3, AFDA.4, AFDA.5, AFDA.6, AFDA.7, AFDA.8, COM.1, COM.3, COM.5, COM.8 | |
| Demonstrate information-literacy skills. | English: 6.1, 6.2, 6.4, 6.6, 6.7, 6.9, 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.9, 8.1, 8.2, 8.3, 8.4, 8.6, 8.7, 8.9, 9.2, 9.5, 9.6, 9.8, 10.2, 10.5, 10.6, 10.8, 11.2, 11.5, 11.6, 11.8, 12.2, 12.5, 12.6, 12.8 | |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
|---|---|--|
| | History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.10, 6.11, 7.8, 7.9, 8.11, 8.12, A.8, A.9, AFDA.3, AFDA.4, AFDA.6, AFDA.7, AFDA.8, DM.8, PS.1*, PS.2*, PS.3*, PS.4*, PS.7*, PS.8*, PS.9*, PS.10* Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1 | |
| Demonstrate an understanding of information security. | English: 6.1, 6.2, 6.3, 6.4, 6.6, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.8, 7.9, 8.1, 8.2, 8.3, 8.4, 8.6, 8.7, 8.8, 8.9, 9.1, 9.2, 9.5, 9.6, 9.8, 10.1, 10.2, 10.5, 10.6, 10.8, 11.1, 11.2, 11.5, 11.6, 11.8, 12.1, 12.2, 12.5, 12.6, 12.8 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: COM.10 | |
| Maintain working knowledge of current information-technology (IT) systems. | English: 6.1, 6.3, 6.4, 6.6, 6.9, 7.1, 7.3, 7.4, 7.6, 7.9, 8.1, 8.3, 8.4, 8.6, 8.9 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 7.8, COM.1, COM.2, COM.7, COM.9, COM.10, COM.11, COM.16, COM.18, PS.17 Science: BIO.1, CH.1, ES.1, PH.1 | |
| Demonstrate proficiency with technologies, tools, and machines common to a specific | History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 | |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
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| occupation. | Mathematics: 6.10, 6.11, 7.9, 8.4, A.7, A.8, A.9, AFDA.1, AFDA.3, AFDA.5, AII.4, AII.7, AII.9, COM.1, COM.7, COM.10, COM.11, COM.12, COM.16 Science: CH.1, ES.1, LS.1, PH.1, PS.1 | |
| Apply mathematical skills to job-specific tasks. | English: 6.4, 6.6, 6.7, 7.4, 7.6, 7.7, 8.4, 8.6, 8.7, 9.5, 9.6, 10.5, 10.6, 11.5, 11.6, 12.5, 12.6 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Mathematics: 6.1, 6.2, 6.5, 6.6, 6.12, 6.13, 6.14, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.8, 7.9, 7.11, 7.12, 7.13, 8.4, 8.5, 8.6, 8.8, 8.9, 8.10, 8.11, 8.12, 8.13, 8.14, 8.15, 8.16, 8.17, 8.18, A.1, A.3, A.4, A.5, A.7, A.8, A.9, AFDA.1, AFDA.3, AFDA.5, AFDA.8, AII.3, AII.7, AII.9, AII.10, COM.1, COM.7 Science: 6.1, BIO.1, CH.1, ES.1, LS.1, PH.1, PS.1 | |
| Demonstrate professionalism. | English: 6.1, 7.1, 8.1, 9.1, 10.1, 11.1, 12.1 History and Social Science: CE.1, CE.4, CE.14, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 | |
| Demonstrate reading and writing skills. | English: 6.1, 6.6, 6.7, 7.1, 7.6, 7.7, 8.1, 8.6, 8.7, 9.1, 9.5, 9.6, 9.7, 10.1, 10.5, 10.6, 10.7, 11.1, 11.5, 11.6, 11.7, 12.1, 12.5, 12.6, 12.7 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: 6.1, PH.1, PS.1 | |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
|---|---|---|
| Demonstrate workplace safety. | English: 6.4, 7.4, 8.4, 9.5, 10.5, 11.5, 12.5 History and Social Science: CE.1, CE.4, GOVT.1, USI.1, USII.1, VUS.1, WG.1, WHI.1, WHII.1 Science: CH.1 | |
| Addressing Elements of Student Life | | |
| Identify the purposes and goals of the student organization. | | |
| Explain the benefits and responsibilities of membership in the student organization as a student and in professional/civic organizations as an adult. | | |
| Demonstrate leadership skills through participation in student organization activities, such as meetings, programs, and projects. | | |
| Identify Internet safety issues and procedures for complying with acceptable use standards. | | |
| Exploring Work-Based Learning | | |
| Identify the types of work-based learning (WBL) opportunities. | | |
| Reflect on lessons learned during the WBL experience. | | |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
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| Explore career opportunities related to the WBL experience. | | |
| Participate in a WBL experience, when appropriate. | | |
| Exploring the Digital Input Technologies Mix | | |
| Apply ergonomic guidelines for safe computer use. | | Introduction to Computer Science & Coding Multimedia & Website Development |
| Identify ergonomic hazards in the workplace. | English: 6.4, 7.4, 8.4 | Introduction to Computer Science & Coding Multimedia & Website Development |
| Key alphabetic, numeric, and symbolic information, using a touch system. | | Community Service Project (Middle Level) Introduction to Computer Science & Coding Multimedia & Website Development |
| Use keyboarding techniques to improve typing speed and accuracy. | | Community Service Project (Middle Level) Introduction to Computer Science & Coding Multimedia & Website Development |
| Research developments in relevant and emerging technologies. | English: 6.9, 7.9, 8.9 History and Social Science: WG.17 | Career Exploration Introduction to Computer Science & Coding Multimedia & Website Development |
| Identify technologies, tools, and applications and their uses | | Business Etiquette |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
|---|-------------------------|--|
| for lifelong learning. | | Career Exploration Community Service Project (Middle Level) Critical Thinking Digital Citizenship Elevator Speech Introduction to Computer Science & Coding Multimedia & Website Development |
| Explain the functions of computing systems. | English: 6.6, 7.6, 8.6 | Career Exploration Critical Thinking Digital Citizenship Elevator Speech Introduction to Computer Science & Coding Multimedia & Website Development |
| Demonstrate booting, accessing, and exiting an OS and applications. | | Career Exploration Critical Thinking Digital Citizenship |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
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| | | Introduction to Computer Science & Coding Multimedia & Website Development |
| Practicing Digital Skills | | |
| Manipulate data, software, and OS. | | Career Exploration Critical Thinking Digital Citizenship Introduction to Computer Science & Coding Multimedia & Website Development |
| Use file-management techniques to manipulate and organize folders and files. | | Career Exploration Critical Thinking Digital Citizenship Elevator Speech Introduction to Computer Science & Coding Multimedia & Website Development |
| Edit copy. | English: 6.8, 7.8, 8.8 | Business Etiquette Career Exploration Community Service Project (Middle Level) |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
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| | | Critical Thinking Digital Citizenship Elevator Speech Introduction to Computer Science & Coding Multimedia & Website Development |
| Collaborate using web-based resources. | English: 6.1, 6.2, 6.3, 6.8, 7.1, 7.2, 7.3, 7.8, 8.2, 8.3, 8.8 | Business Etiquette Career Exploration Community Service Project (Middle Level) Critical Thinking Digital Citizenship Elevator Speech Introduction to Computer Science & Coding Multimedia & Website Development |
| Format documents. | | Community Service Project (Middle Level) Elevator Speech Introduction to Computer Science & Coding |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
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| | | Multimedia & Website Development |
| Format tables, graphs, and charts. | English: 6.4, 7.4, 8.4 | Introduction to Computer Science & Coding Multimedia & Website Development |
| Create a spreadsheet. | Mathematics: 7.11, 8.14 | Introduction to Computer Science & Coding Multimedia & Website Development |
| Format addresses on labels and envelopes. | | |
| Incorporate graphic elements in documents. | English: 6.3, 7.3, 8.3 | Community Service Project (Middle Level) Critical Thinking Multimedia & Website Development |
| Create a multimedia presentation. | | Community Service Project (Middle Level) |
| Troubleshoot computer input/output problems. | | Community Service Project (Middle Level) Digital Citizenship Introduction to Computer Science & Coding Multimedia & Website Development |
| Use verbal-input applications. | English: 6.3, 7.3, 8.3 | |
| Using Digital Tools and Resources | | |
| Digitize content. | | Digital Citizenship |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
|--|-------------------------|---|
| | | Elevator Speech Introduction to Computer Science & Coding Multimedia & Website Development |
| Identify the components and functions of a digital input device. | | Community Service Project (Middle Level) Critical Thinking Digital Citizenship Introduction to Computer Science & Coding Multimedia & Website Development |
| Create digital images. | English: 6.8, 7.8, 8.8 | Community Service Project (Middle Level) Digital Citizenship Introduction to Computer Science & Coding Multimedia & Website Development |
| Create digital art. | | Community Service Project (Middle Level) Digital Citizenship Introduction to Computer Science & Coding Multimedia & Website Development |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
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| Create a video. | English: 6.6, 6.8, 7.6, 7.8, 8.6, 8.8 | Community Service Project (Middle Level) Digital Citizenship |
| Insert video into an application. | English: 6.8, 7.8, 8.8 | Community Service Project (Middle Level) Multimedia & Website Development |
| Create audio narrations or voice-overs. | English: 6.8, 7.8, 8.8 | Community Service Project (Middle Level) Multimedia & Website Development |
| Exploring Mobile Devices, Cloud Computing, and the Internet of Things (IoT) | | |
| Use applications on standard mobile devices. | English: 6.7, 6.8, 7.7, 7.8, 8.7, 8.8 | Critical Thinking Digital Citizenship Introduction to Computer Science & Coding Multimedia & Website Development |
| Explain cloud computing. | English: 6.1, 6.4, 6.6, 7.1, 7.4, 7.6, 8.1, 8.4, 8.6 | Community Service Project (Middle Level) Critical Thinking Digital Citizenship Elevator Speech Introduction to Computer Science & Coding Multimedia & Website Development |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
|--|---|---|
| Research developments in cloud computing. | English: 6.9, 7.9, 8.9 | Community Service Project (Middle Level) Critical Thinking Digital Citizenship Introduction to Computer Science & Coding Multimedia & Website Development |
| Save data to the cloud, so it will be accessible from a personal computer (PC), file-hosting service, smartphone, and other devices. | English: 6.6, 7.6, 8.6 History and Social Science: WG.17 | Community Service Project (Middle Level) Digital Citizenship Introduction to Computer Science & Coding Multimedia & Website Development |
| Research developments in IoT. | English: 6.4, 6.9, 7.4, 7.9, 8.4, 8.9 | Critical Thinking Digital Citizenship Introduction to Computer Science & Coding Multimedia & Website Development |
| Applying Digital Literacy Skills | | |
| Explain principles of digital citizenship. | English: 6.6, 7.6, 8.6 History and Social Science: WG.17 | Critical Thinking Digital Citizenship Elevator Speech |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
|--|---|--|
| | | Introduction to Computer Science & Coding Multimedia & Website Development |
| Use search strategies on the Internet. | English: 6.4, 6.6, 6.9, 7.4, 7.6, 7.9, 8.4, 8.6, 8.9 History and Social Science: WG.17 | Community Service Project (Middle Level) Critical Thinking Digital Citizenship Elevator Speech Introduction to Computer Science & Coding Multimedia & Website Development |
| Navigate the Internet. | History and Social Science: WG.17 | Community Service Project (Middle Level) Critical Thinking Digital Citizenship Elevator Speech Introduction to Computer Science & Coding Multimedia & Website Development |
| Manage an online account. | | Business Etiquette Career Exploration |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
|---|---|--|
| | | Community Service Project (Middle Level) Critical Thinking Digital Citizenship Elevator Speech Introduction to Computer Science & Coding Multimedia & Website Development |
| Preparing for a Career | | |
| Research the use of digital technology in careers within the sixteen career clusters. | English: 6.9, 7.9, 8.9 History and Social Science: WG.17 | Business Etiquette Career Exploration Critical Thinking Digital Citizenship Introduction to Computer Science & Coding Multimedia & Website Development |
| Identify personal interests, aptitudes, and attitudes found in successful students and professionals. | English: 6.6, 7.6, 8.6 | Business Etiquette Career Exploration Critical Thinking |
| Develop a career plan. | English: 6.6, 6.9, 7.6, 7.9, 8.6, 8.9 | Business Etiquette |

| Task | SOL Correlations | FBLA Competitive Events and Activities Areas |
|---|---------------------------------------|--|
| | | Career Exploration Critical Thinking Elevator Speech |
| Identify the importance of social media in the job-acquisition process. | English: 6.3, 6.6, 7.3, 7.6, 8.3, 8.6 | Business Etiquette Career Exploration Critical Thinking Digital Citizenship Multimedia & Website Development |
| Develop a digital portfolio. | English: 6.1, 7.1, 8.2 | Business Etiquette Career Exploration Critical Thinking Digital Citizenship |
| Identify potential employment barriers for nontraditional groups and ways to overcome the barriers. | English: 6.6, 7.6, 8.6 | Business Etiquette Career Exploration Critical Thinking Digital Citizenship |

