Merrimack School District
Essential Learning Competencies

| School | MHS |
|---|---|
| Discipline | Technology |
| Course Title | ICT( Information and Communication Technology) Literacy Student Digital Portfolio<br>Ed 306.42(a) requires an integrated approach with core content areas as students create portfolios.<br>(Semester Pass/Fail ICT .5 Credit)<br>https://www.iste.org/standards/for-students |

Quarter 1

| Essential Learning Competencies | Links to the Rubrics/Standards/ Competency | Formative Assessments | Summative Assessments *(Students create 3 or more acceptable examples show casing their work that has met each ELC)* |
|---|---|---|---|
| Basic Operations and Concepts | Students demonstrate a sound understanding of the nature and operation of technology systems. | | Student Work and Observation |
| Social, Ethical, and Human Issues | Students share and reflect their positive, safe, legal and ethical behavior when using technology, including social interactions online or when using networked devices. | | Student Reflection based upon Q&A |

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|---|---|---|---|
| Technology Productivity tools | Students show proficiency in Word Processing, Desktop Publishing, Data Collection and Analysis, and Multimedia. | | Student Work |
| Technology Communications Tools | Students are proficient in communication tools such as but not limited too:Email, Web Page, Video and Web Conferencing, Social Networking, Blogging, Online Collaboration and Productivity Platforms. | | Student Work |
| Technology Research Tools | Students utilize technology tools in a variety of ways when researching, such as: Search Strategies, Online Subscription Resources, Digital tools for not just collecting sources but annotating and citing them. | | Student Work |

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|---|---|---|---|
| 6. Technology Problem Solving and Decision Making Tools | Students show understanding of the fundamental concepts of technology operations, demonstrate the ability to choose, use and troubleshoot current technologies and are able to transfer their knowledge to explore emerging technologies. | | Student Reflection based upon Q&A |

Quarter 2

| Essential Learning Competencies | Links to the Rubrics/Standards/ Competency | Formative Assessments | Summative Assessments |
|---|---|---|---|
| 1.Basic Operations and Concepts | Students demonstrate a sound understanding of the nature and operation of technology systems. | | Student Work and Observation |
| 2.Social, Ethical, and Human Issues | Students share and reflect their positive, safe, legal and ethical behavior when using technology, including social interactions online or when using networked devices. | | Student Reflection based upon Q&A |
| 3.Technology Productivity tools | Students show proficiency in Word Processing, Desktop Publishing, Data Collection and Analysis, and Multimedia. | | Student Work |

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|---|---|---|---|
| 4.Technology Communications Tools | Students are proficient in communication tools such as but not limited too:Email, Web Page, Video and Web Conferencing, Social Networking, Blogging, Online Collaboration and Productivity Platforms. | | Student Work |
| 5.Technology Research Tools | Students utilize technology tools in a variety of ways when researching, such as: Search Strategies, Online Subscription Resources, Digital tools for not just collecting sources but annotating and citing them. | | Student Work |
| 6. Technology Problem Solving and Decision Making Tools | Students show understanding of the fundamental concepts of technology operations, demonstrate the ability to choose, use and troubleshoot current technologies and are able to transfer their knowledge to explore emerging technologies. | | Student Reflection based upon  Q&A |

Quarter 3

| Essential Learning Competencies | Links to the Rubrics/Standards/ Competency | Formative Assessments | Summative Assessments |
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|---|---|---|---|
| 1.Basic Operations and Concepts | Students demonstrate a sound understanding of the nature and operation of technology systems. | | Student Work and Observation |
| 2.Social, Ethical, and Human Issues | Students share and reflect their positive, safe, legal and ethical behavior when using technology, including social interactions online or when using networked devices. | | Student Reflection based upon Q&A |
| 3.Technology Productivity tools | Students show proficiency in Word Processing, Desktop Publishing, Data Collection and Analysis, and Multimedia. | | Student Work |
| 4.Technology Communications Tools | Students are proficient in communication tools such as but not limited too:Email, Web Page, Video and Web Conferencing, Social Networking, Blogging, Online Collaboration and Productivity Platforms. | | Student Work |

| | | | |
|---|---|---|---|
| 5. Technology Research Tools | Students utilize technology tools in a variety of ways when researching, such as: Search Strategies, Online Subscription Resources, Digital tools for not just collecting sources but annotating and citing them. | | Student Work |
| 6. Technology Problem Solving and Decision Making Tools | Students show understanding of the fundamental concepts of technology operations, demonstrate the ability to choose, use and troubleshoot current technologies and are able to transfer their knowledge to explore emerging technologies. | | Student Reflection based upon Q&A |

Quarter 4

| Essential Learning Competencies | Links to the Rubrics/Standards/ Competency | Formative Assessments | Summative Assessments |
|---|---|---|---|
| 1.Basic Operations and Concepts | Students demonstrate a sound understanding of the nature and operation of technology systems. | | Student Work and Observation |

| | | | |
|---|---|---|---|
| 2.Social, Ethical, and Human Issues | Students share and reflect their positive, safe, legal and ethical behavior when using technology, including social interactions online or when using networked devices. | | Student Reflection based upon Q&A |
| 3.Technology Productivity tools | Students show proficiency in Word Processing, Desktop Publishing, Data Collection and Analysis, and Multimedia. | | Student Work |
| 4.Technology Communications Tools | Students are proficient in communication tools such as but not limited too:Email, Web Page, Video and Web Conferencing, Social Networking, Blogging, Online Collaboration and Productivity Platforms. | | Student Work |
| 5.Technology Research Tools | Students utilize technology tools in a variety of ways when researching, such as: Search Strategies, Online Subscription Resources, Digital tools for not just collecting sources but annotating and citing them. | | Student Work |

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|---|---|---|---|
| 6. Technology Problem Solving and Decision Making Tools | Students show understanding of the fundamental concepts of technology operations, demonstrate the ability to choose, use and troubleshoot current technologies and are able to transfer their knowledge to explore emerging technologies. | | Student Reflection based upon Q&A |