Use this form for competency portfolios submitted previously that will be resubmitted in spring 2023.

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| *2023 MCAS Competency Portfolio*  WORK DESCRIPTION  for “Legacy” High School Competency Portfolio in  Science and Technology/Engineering **INTRODUCTORY PHYSICS** **(Attach one WORK DESCRIPTION to each work sample in the portfolio.)** | | | | | | | |
| **Student’s Name:** | |  | **Date work was produced:** | | |  |
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| A minimum of **ten Introductory Physics standards** must be documented in all, with each topic in this discipline addressed at least once in the portfolio. Standards are based on the [*2006 Science and Technology/Engineering Curriculum Framework*](http://www.doe.mass.edu/frameworks/archive.html)*.*  **Each work sample must include:**   * a clear description of the activity, a summary of the student’s observations, an explanation or analysis of findings, and conclusion(s). Drafts may also be included. * a score (% accurate) for each piece of student work with all incorrect answers marked. * work samples produced as independently as possible by the student, with all corrections clearly marked and a description of the assistance given to the student. The level of independence must be indicated below. * Work may not be corrected by the teacher and submitted as the student’s own work. | | | | | | | |
| **Please indicate the science topic(s) and learning standard(s) documented in the attached work sample.** | | | | | | | |
|  | **Motion and Forces**  1.1  1.2  1.3  1.4  1.5  1.6  1.7  1.8 | | | | | | |
|  | **Conservation of Energy and Momentum**  2.1  2.2  2.3  2.4  2.5 | | | | | | |
|  | **Heat and Heat Transfer**  3.1  3.2  3.3  3.4 | | | | | | |
|  | **Waves**  4.1  4.2  4.3  4.4  4.5  4.6 | | | | | | |
|  | **Electromagnetism**  5.1  5.2  5.3  5.4  5.5  5.6 | | | | | | |
|  | **Electromagnetic Radiation**  6.1  6.2 | | | | | | |
| **ON THE ATTACHED WORK SAMPLE:** | | | | | | | |
| What score did the student receive? (Level of Accuracy = | | | |  | %) | | |
| How much was done independently by the student? (Level of Independence = | | | |  | %) | | |
| If Level of Independence is less than 100%, what type of assistance, coaching, and/or prompting did the student receive on the attached piece? | | | | | | | |
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| Describe any accommodations the student received. (Note: Accommodations do not affect Level of Independence.) | | | | | | | |
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| What was the student asked to do in order to complete the attached piece (i.e., what was the assignment)? | | | | | | | |
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Massachusetts Department of Elementary and Secondary Education