

Common Core Standards
Achieved through Participation in the
Young Inventor's Challenge

ELA:

RI.: Know and use various text features(e.g. Headings, table of contents, glossaries, electronic menus, icons) to locate key facts or information from a text.

RI 5: Use text features and search tools(e.g. Key words, sidebars, hyperlinks)to locate information relevant to a specific topic effectively.

RST 7: Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g. in a flowchart, diagram, model, graph, or table).

RH 7: Integrate visual information (e.g. charts, graphs, photographs,videos, or maps) with other information from print or digital texts.

RST 3: Follow precisely a multistep procedure when carrying out experiments, taking measurements or performing technical tasks.

W 2: Write informative/explanatory texts to examine a topic and convey ideas and information clearly.

W 4: Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience.

W 6: Use technology, including the internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to to type a minimum of three pages in a single sitting.

W 7: Conduct short research projects that build knowledge about a topic.

W 9-10.5 Develop and strengthen writing as needed by planning, revising, editing,rewriting, or trying a new approach , focusing on addressing what is most significant for a specific purpose and audience.

W 10 Write routinely over extended time frames(time for research, reflection, and revision) and shorter time frames(a single sitting or a day or two) for a range of discipline-specific tasks, disciplines, and audiences.

Science:

Engage students in the science and engineering practices of Asking Questions and Defining Problems, Planning and Carrying out Investigations, and Developing and Using Models,

SEL:

Goal 1: Develop self-awareness and self-management skills to achieve school and life success.

Goal 2: Use social awareness and interpersonal skills to establish and maintain interpersonal relationships.

Goal 3: Demonstrate decision-making skills and responsible behaviors in personal, school and community contexts.

Theatre:

Anchor Standard 2: Organize and develop artistic ideas and work.

Anchor Standard 3: Revise, refine, and complete artistic ideas and work.

Anchor Standard 5: Develop and refine artistic techniques and work for presentation.

Media Arts:

Anchor Standard 1: Generate and conceptualize artistic ideas and work.

Anchor Standard 2: Organize and develop artistic ideas and work.

Anchor Standard 3: Revise, refine, and complete artistic ideas and work.

Anchor Standard 5: Develop and refine artistic techniques and work for presentation.

Visual Arts:

Anchor Standard 1: Generate and conceptualize artistic ideas and work.

Anchor Standard 2: Organize and develop artistic ideas and work.

Anchor Standard 3: Revise, refine, and complete artistic ideas and work.

Anchor Standard 5: Develop and refine artistic techniques and work for presentation.