

ROCKFORD PUBLIC SCHOOLS HIGH SCHOOL

English Language Arts

Reading

_____ Interpret, evaluate, and apply information from a variety of sources (e.g., charts, graphs, reference materials, tables). **IET-01**

Writing

Listening and Speaking

Research

_____ Communicate effectively as writers, listeners, and speakers in diverse workplace settings. **IET-02**

Mathematics

Number Sense

Algebra and Analytical Methods

Geometry

_____ Analyze and solve problems using appropriate arithmetic, algebraic, and geometric operations in theoretical and practical applications. **IET-03**

_____ Produce drawings and construct three-dimensional models with and without technology. **IET-04**

Estimation and Measurement

_____ Estimate and measure using appropriate industrial measurement tools (e.g., calipers, micrometers, rulers). **IET-05**

_____ Interpret scale drawings and models using maps, blueprints, and charts. **IET-06**

Science

Inquiry and Design

_____ Apply the concepts, principles, and processes of industrial and technological design. **IET-07**

Concepts and Principles

_____ Apply concepts that describe force and motion in appropriate applications. **IET-08**

Science, Technology, and Society

_____ Analyze the impact of industry and transportation on the environment. **IET-09**

Social Science

Economics

_____ Define how businesses operate. **IET-10**

_____ Analyze the impact of current events on consumer spending. **IET-11**

Social Systems

_____ Demonstrate the interpersonal, teamwork, and leadership skills needed to function in diverse industrial and technological settings. **IET-12**

_____ Investigate career opportunities and the lifelong learning skills that will enable an individual to become employable in a variety of industrial and technological careers. **IET-13**