



North Kingstown High School Anchor Assignment Assessment Plan

Department

Science

Name of Course

Robotics (1 semester-elective)

“Title” of Anchor Assignment

Robots in the News

What are students asked to do/create/write/present to complete this assignment?

Summary:

Give a presentation on a robot used in the home, business or industry. Find a published article describing how this robot is used. Include why it is a robot, what exactly it does or tasks it performs, how it works (mechanics and programming), and its affect on society. Power point should follow format taught in tech readiness classes.

	Complete	Missing some	Missing most	Not present
Picture	5-with caption/credit	2.5-no caption-credit		0
Why it is a robot	15	10	5	0
What it does	15			0
How it works	20	13	7	0
Affect on society	20			0
Bibliography	10-correct in MLA	7	3	0
Citations	5-throughout Powerpoint	2.5		0
Powerpoint (per school wide rubric)	10-	7	5	0

GSE(s) Covered by this Assignment:

- **Oral Communication GSE:** OC2: Oral Communication Strategies: Make Oral Presentations

NKHS Expectation(s) for Student Learning Covered by this Assignment:

- **School Goal -- NKHS Expectations:** 3.: Oral Communication

Problem Solving

Depth of Knowledge (Check one)

_____ **Level 1-** Recall of Information - requires the student to write or recite simple facts. Does not include complex synthesis or analysis, but basic ideas. Level 1 requires students to demonstrate a rote response, perform a well-known algorithm, follow a set procedure (like a recipe), or perform a clearly defined series of steps.

_____ **x Level 2-** Basic Reasoning- requires some mental processing, connecting ideas using a simple organizational structure. At this level, students are engaged in first draft writing for a limited number of purposes and audiences; Keywords that generally distinguish a Level 2 item include “classify,” “organize,” “estimate,” “make observations,” “collect and display data,” and “compare data.” These actions imply more than one step.

_____ **Level 3-** Complex Reasoning- requires some higher level mental processing. Students are developing multi-paragraph compositions that may include complex sentence structures or demonstrate some synthesis and analysis. The cognitive demands at Level 3 are complex and abstract. The complexity does not result from the fact that there are multiple answers, a possibility for both Levels 1 and 2, but because the task requires more demanding reasoning.

_____ **Level 4-** Extended Reasoning- Higher-level thinking is central to this level. Multi-paragraph compositions demonstrate synthesis and analysis of complex idea or themes and evidence of a deep awareness of purpose and audience. Level 4 activities include designing and conducting experiments; making connections between a finding and related concepts and phenomena; combining and synthesizing ideas into new concepts; and critiquing experimental designs.

Is proficient completion of this assignment required for the e-Portfolio? Yes _____ No X

How will this anchor assignment be graded and weighed in the overall grading?

_____ Test grade for second quarter that the class meets _____

Outline the opportunities for students to revise their work.

_____ N/A- Semester long elective _____