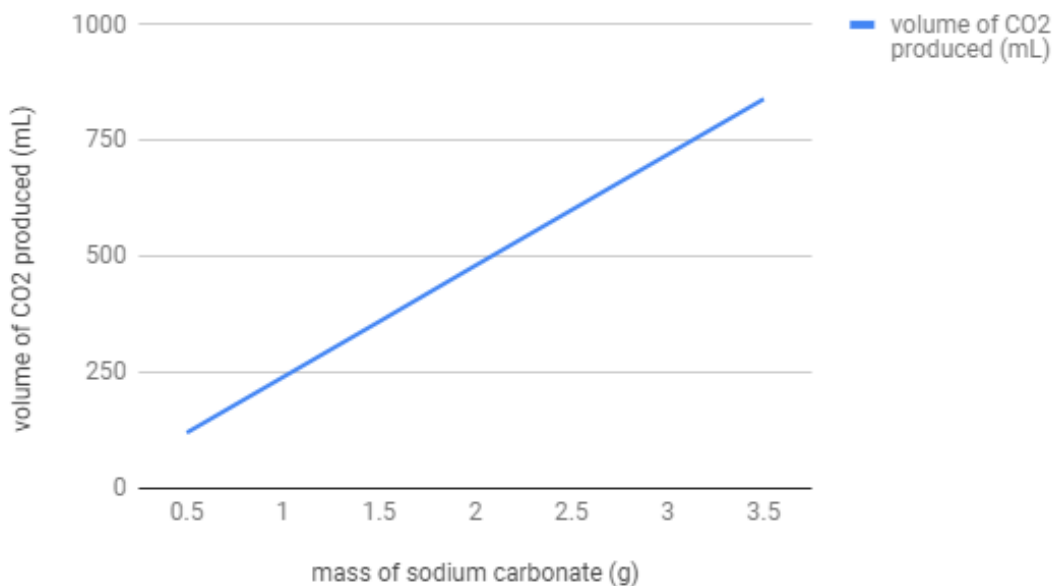


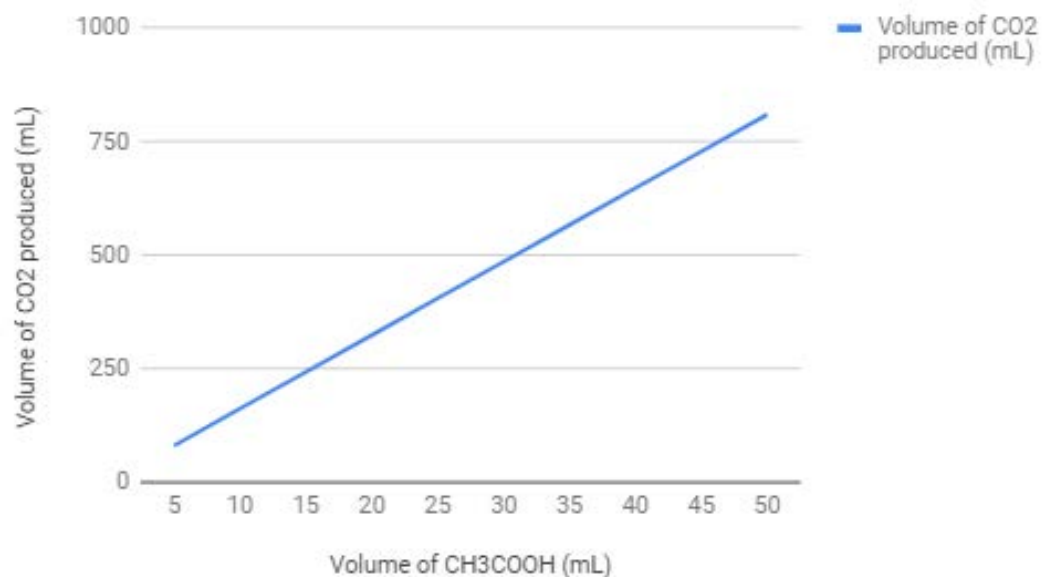
Use the following information to answer written-response 1.

A student was able to gather the following information when they added sodium carbonate (baking soda) and acetic acid (vinegar) together to produce carbon dioxide gas.

Volume of CO₂ produced as function of the mass of sodium carbonate added.



Volume of CO₂ produced (mL) as a function the Volume of acetic acid (CH₃COOH) added.



1. Using the information from the previous page, design an investigation that will allow you to fill a Ziplock bag full of gas.

Your answer must include:

- a detailed procedure that will allow you fill the Ziplock bag with gas
- materials list of required equipment
- an explanation of how the information provided helped you complete the lab

This lab is designed to develop the following curricular competencies as well as the ones you will be reflecting on.

Curriculum Competency 4: I can plan an investigation

Curriculum Competency 6: I can select appropriate equipment

Curriculum Competency 10: I can analyze graphs and make connections in data

Airbag Lab self Assessment on the Core Competencies

Communication:

I present information clearly and in an organized way.

Emerging - Developing - **Proficient** - Extending

Written Reflection:

*Guiding questions: Can you use effective language?
Can you turn your ideas into words?*

I believe that i can use effective language when explaining my labs and such, and that i can turn the ideas i have whilst doing these labs into understandable words.

Critical Thinking:

I can consider more than one way to proceed in an investigation.

Emerging - Developing - **Proficient** - Extending

Written Reflection:

*Guiding Questions: Can you approach problems on your own or do you need guidance?
Can use what you have learned in class to help plan an investigation?*

I can do problems by myself and figure things out clearly when given. Often the things i have learned in class will make it so i can easily help plan an investigation but sometimes i do need extra explanation.

Personal Social:

I can solve some problems myself and can identify when to ask for help.

Emerging - Developing - Proficient - **Extending**

Written Reflection:

*Guiding Questions: Can you identify what you need help with?
Do you find it easy to ask for help?*

I can easily identify what i need help with and when i need help and when i need it i can easily ask the right person to help me with the problem.

Teacher Comment:

You have really been able to improve your understanding and usage of the vocabulary used in class. Being able to access your prior knowledge is important for you to approach problems in different ways. This is something that we can work on in class together by making your thinking more visible and identify the concepts that need developing.

Social Studies 8: Geography Unit Assessment



ONGOING COMMUNICATION OF STUDENT LEARNING

LEARNING STANDARD:

- Use Social Studies inquiry processes and skills to ask questions; gather, interpret and analyze ideas and communicate findings and decisions.

Teacher Assessment

Learning Standard	Emerging	Developing	Proficient	Extending
I know and can apply terminology associated with the study of geography.				
I can identify the Earth's continents and oceans.				
I can identify many of the countries of Europe.				
I can use an atlas to determine location and identify physical features.				

Student Self-Assessment

Learning Standard	Emerging	Developing	Proficient	Extending
I know and can apply terminology associated with the study of geography.				
I can identify the Earth's continents and oceans.				
I can identify many of the countries of Europe.				
I can use an atlas to determine location and identify physical features.				

Student Reflection

I was very good at:

I struggled with:

CORE COMPETENCIES:

In this assignment, I demonstrated these core competencies:

- COMMUNICATION**
- CREATIVE THINKING**
- CRITICAL THINKING**
- POSITIVE PERSONAL AND CULTURAL IDENTITY**
- PERSONAL AWARENESS AND RESPONSIBILITY**
- SOCIAL RESPONSIBILITY**

I CAN:

I SHOWED THIS WHEN:

MY NEXT STEP IS:

Social Studies 8 Assessment: Collapse of Feudal System Mind Map

Name _____

Curricular Competencies	<p>Determine which causes most influenced particular decisions, actions, or events, and assess their short-and long-term consequences.</p> <p>Use writing and design processes to plan, develop, and create engaging and meaningful literary and informational texts for a variety of purposes and audiences.</p>			
	EMERGING	DEVELOPING	PROFICIENT	EXTENDING
Depth of coverage (Knowledge of topic)	<p>Shows a general understanding of one or two causes beyond what was modeled by the teacher.</p> <p>Attempts extension of ideas.</p>	<p>Shows a fair understanding of two or more causes beyond what was modeled.</p> <p>Extensions provided for a few ideas.</p>	<p>Shows a solid understanding of three or more causes beyond what was modeled.</p> <p>Comprehensive extensions provided for each key idea.</p>	<p>Shows a sophisticated understanding of many of the causes.</p> <p>Extensions consistently go beyond teacher prompts and show an original interpretation.</p>
Visual Representation (Communication)	<p>A few literal images and key words are present. May not be clearly related to key ideas.</p> <p>Beginning to use colour and design features to communicate an idea.</p>	<p>A number of literal images and key words are used to represent information about a few factors.</p> <p>Attempts to use images to represent connections between factors and end of era.</p> <p>Developing the ability to use colour and design features to communicate an idea.</p>	<p>Images and key words clearly show an understanding of a number of factors.</p> <p>Images and words are used effectively to represent connection between factors and end of era.</p> <p>Consistently uses colour and design features to communicate ideas.</p>	<p>Images and key words reveal a thorough understanding of the many factors.</p> <p>Both literal and symbolic images are used to communicate information.</p> <p>Images and words clearly represent connection between factors and end of feudal system. May make connections beyond textbook information.</p> <p>Colour and design features are used in a creative or sophisticated way to communicate ideas.</p>

Modeling the Atom - Self Evaluation

In this activity...

-I can think critically and identify criteria that I can use to analyze the properties of an atom and evaluate a model.

-I can present information in a clear and organized way.

-I can take responsibility for my own actions complete a task.

1. What are some of the trends that you can see in the elements that have been modeled?

-If they are in the same period they have the same number of energy layers

-In group 1 they all have the same amount of valance electrons

-The amount of electrons go up as you go down the table

-In group 2 they all have the same amount of valance electrons

-as you go along the period left to right the electrons go up by one

2) How can these trends be used to explain the properties of the groups in the periodic table?

- as you go down group one the atom gets one more energy level and also as you go down that group it gets more reactive
-

3) Using the models that have been made, compare the model sizes to the atom sizes in the table provided. How can the differences be explain. Come up with one reason for the differences.

- on the atomic size chart when you go left to right in a period the atomic size gets smaller but on the board with the models that we made all the sizes in a period look the same size

4) Evaluate the Bohr model. What are some of the limitations and benefits of the model.

- one of the benefits of the bohr model is that is gives us a very simple idea of the atom
- one of the limitations is that it doesn't show the actual size of the atom it just gives us a rough idea

Self Evaluation

Critical thinking

-I can think critically and identify criteria that I can use to analyze the properties of an atom and evaluate a model.

Emerging **Developing** Proficient Extending

Comments: i found it easy to make observations of the models and how they changed. I had a little bit of a hard time connecting to my previous learning which made it challenging connecting the different models of the atom and evaluating the bohr model was kind of easy

Communication

-I can present information in a clear and organized way.

Emerging Developing Proficient Extending

Comments: I had a hard time communication clearly and i have a bad use of vocabulary

Personal Social

-I can take responsibility for my own actions complete a task.

Emerging Developing **Proficient** Extending

Comments: I stayed on task really good and i got my work done

Teacher Comments:

Thank you for your reflections. You are able to regularly stay on task and stay focussed and it shows in the discussions that you engaged with throughout the class. We can work on developing your vocabulary usage in class and you can work on it at home by review and practicing recall of the material that is being covered. I encourage you to ask more questions as I can guide and prompt you through the exercise.

Parent Comment:

Racebots Assignment

[More](#)

DOCUMENTATION

Criteria:

Criteria	Emerging	Developing	Proficient	Extending
Ideating	Had difficulty developing plan, understanding methods and ideas	Generated some ideas, understood others ideas. Got sidetracked at times, but developed an idea.	Generates ideas and adds organization, focusing on task at hand. Developed solid plan.	Shows extensive ideas*
Prototyping	Little to no tests recorded. Found difficulty in making appropriate changes to robot as needed.	Recorded some tests, but not all. Was able to make changes, but had difficulty determining how to do so.	Recorded tests and made changes when necessary. Made adjustments when changes were requested that were appropriate.	TCS The robot was not type of
Testing	Little to no tests were made. Some recorded evidence, but lacked list to determine troubleshooting.	Was able to list only a few small, lacked proper consideration for troubleshooting purposes.	Tested robot as many times as time permitted, and troubleshooted any possible issues.	
Sharing	Unable to, or unwilling to reflect on individual or group work in relation to robot construction.	Difficulty reflecting on robots wiring and weak points, and working as a group.	Reflected on how they were to make the robot better, and the projects behind the question, individually, and as a group.	

 **Exceeding Expectations**



Update (26.09.18)

Team 

Ideating: Proficient - Team came together to form an robotic creation that would fit the needs of the Racebot. Using eachothers suggestions, they began creating it.

Prototyping: Proficient - The team created many different prototypes, with each prototype serving a different purpose and hopefully ending with a different outcome.

Testing: Extending - The group was constantly placing their new prototypes on the ground and testing. Although each prototype didn't come out as they determined, they were able to troubleshoot the issue each time with much success, and preparing for the next test.

Sharing: Extending - The team was always able to explain each prototype, how they built it and the meaning behind each of their components added. Working together, this team did an amazing job.

Note: Each updated photo is the teams self reflection of how they believe they fit into the criteria. What is reflected in this, is the teachers reflection.

Assignment Feedback (visible to student and parents)

Update (02.02.18) Student has completed the 'Budgeting Assignment' and has been assessed in the areas of the criteria. The criteria can be found on MyEdBC or Google Classroom.

Scenario: Extending – Although the Books section is a bit high (Remember, we can pay that that off in 8 months too!) Everything is fantastic. Well done!

Proposed Solution: Extending – You've taken a bit of a different route than others here, but I appreciate what you have done to really cut out the expenses as much as possible. I also like that you've switched up the Books on the second round (Which is why I didn't give you such a hard time above). Overall, good job on reducing costs here! Creative as well.

Questions: Extending – You've got very creative here, and I appreciate your research. I like that you've taken the time to really explain each one of your decisions. Although it wasn't necessarily an option to add an additional roommate (Usually houses are rented and rooms are filled based on capacity) I also didn't place any sort of 'rule' on doing so! So I can't argue that. Overall, this is great. I don't necessarily agree it's realistic however.

February 4

0 VIEWS

Robotic Research Assignment

DOCUMENTATION



Exceeding
Expectations



Update (05.02.19)

Student has completed the 'Robotic Research Assignment'.
Below is the overall grade based on the rubric found on both
Google Classroom and MyEdBC.

Overall:

Research: Extending - [REDACTED] has provided a comprehensive, and well-documented research project focusing on the 'Da Vinci Robot'. Excellent research which not only answers the questions, but brings up others.

Professionalism: Extending - From the research to the presentation, [REDACTED] exudes professionalism.

Presentation: Extending - Standing up front and center, [REDACTED] presented his findings and work in a loud, professional manner, commanding the attention of his fellow classmates. Well done sir!

Comment Share Edit

Assignment feedback (visible to students and parents)

Update (05.02.19)

Student has completed the 'Robotic Research Assignment'. Below is the overall grade based on the rubric found on both Google Classroom and MyEdBC.

Overall:

Research: Developing - The questions were answered, however with little detail. I would like [redacted] to expand on his answers more, providing more information to back up his statements.

Professionalism: Proficient - [redacted] answers the questions asked of him, however does no more to extend or exude professionalism.

Presentation: N/A - Due to [redacted] submitting the slide to the wrong assignment, we were unable to present. (This mistake was found later in the evening). Not the end of the world, but be sure to submit your presentations to the correct location for next time :)