

<b>INTRODUCTION and THINK PHASE</b>	<b>Excellent</b>	<b>Good</b>	<b>Fair</b>	<b>Poor</b>
Pre-Test	Great care was taken to read and answer all questions.	Care was taken to read and answer all questions.	A minimal amount of care was taken to read and answer all questions.	Little to no care was taken to read and answer all questions.
Post-Test	A minimum of 90% of the questions were answered correctly.	A minimum of 80% of the questions were answered correctly.	A minimum of 70% of the questions were answered correctly.	Less than 70% of the questions were answered correctly.
Collaboration	Almost always listens to, shares with, and supports the efforts of others. Tries to keep people working well together.	Usually listens to, shares with, and supports the efforts of others. Does not create conflict in the group.	Often listens to, shares with, and supports the efforts of others, but sometimes is not a good team member.	Rarely listens to, shares with, and supports the efforts of others. Often is not a good team member.

<b>CREATE PHASE</b>	<b>Excellent</b>	<b>Good</b>	<b>Fair</b>	<b>Poor</b>
Inventor Modeling	Great care was taken to follow all directions, complete all details, and follow through with virtual testing of Inventor models.	Care was taken to follow all directions, complete all details and follow through with virtual testing of Inventor models.	A minimal amount of care was taken to follow all directions, complete all details, and follow through with virtual testing of Inventor models.	Little to no care was taken to follow all directions, complete all details, and follow through with virtual testing of Inventor models.
Collaboration	Almost always listens to, shares with, and supports the efforts of others. Tries to keep people working well together.	Usually listens to, shares with, and supports the efforts of others. Does not create conflict in the group.	Often listens to, shares with, and supports the efforts of others, but sometimes is not a good team member.	Rarely listens to, shares with, and supports the efforts of others. Often is not a good team member.

<b>BUILD PHASE</b>	<b>Excellent</b>	<b>Good</b>	<b>Fair</b>	<b>Poor</b>
Assembly	Great care was taken to follow all directions, complete all details, and follow through with testing of the VEX assembly.	Care was taken to follow all directions, complete all details, and follow through with testing of the VEX assembly.	A minimal amount of care was taken to follow all directions, complete all details, and follow through with testing of the VEX assembly.	Little to no care was taken to follow all directions, complete all details, and follow through with testing of the VEX assembly.
Engineering Notebook	Notebook provides a very careful recording of any requested plans, concepts, or conclusions.	Notebook provides a careful recording of any requested plans, concepts, or conclusions.	Notebook provides a reasonable recording of any requested plans, concepts, or conclusions.	Notebook provides little to no recording of any requested plans, concepts, or conclusions.
Collaboration	Almost always listens to, shares with, and supports the efforts of others. Tries to keep people working well together.	Usually listens to, shares with, and supports the efforts of others. Does not create conflict in the group.	Often listens to, shares with, and supports the efforts of others, but sometimes is not a good team member.	Rarely listens to, shares with, and supports the efforts of others. Often is not a good team member.

<b>AMAZE PHASE</b>	<b>Excellent</b>	<b>Good</b>	<b>Fair</b>	<b>Poor</b>
The Challenge	Great care was taken to follow all directions, complete all details, and follow through with all aspects of the Amaze Challenge.	Care was taken to follow all directions, complete all details, and follow through with all aspects of the Amaze Challenge.	A minimal amount of care was taken to follow all directions, complete all details and follow through with all aspects of the Amaze Challenge.	Little to no care was taken to follow all directions, complete all details and follow through with all aspects of the Amaze Challenge.
Engineering Notebook	Notebook provides a very careful recording of any requested plans, concepts, or conclusions related to the Amaze Challenge.	Notebook provides a careful recording of any requested plans, concepts, or conclusions related to the Amaze Challenge.	Notebook provides a reasonable recording of any requested plans, concepts, or conclusions related to the Amaze Challenge.	Notebook provides little to no recording of any requested plans, concepts, or conclusions related to the Amaze Challenge.
Collaboration	Almost always listens to, shares with, and supports the efforts of others. Tries to keep people working well together.	Usually listens to, shares with, and supports the efforts of others. Does not create conflict in the group.	Often listens to, shares with, and supports the efforts of others, but sometimes is not a good team member.	Rarely listens to, shares with, and supports the efforts of others. Often is not a good team member.
Presentation	Student is completely prepared, has obviously rehearsed, and shows a full understanding of the topic. Student is able to accurately answer almost all questions posed by classmates or the teacher.	Student is fairly well-prepared but could have been better rehearsed. Student shows a good understanding of the topic and is able to accurately answer most questions posed by classmates or the teacher	Student is somewhat prepared, but it is clear that rehearsal is lacking. Student shows partial understanding of the topic and is able to accurately answer a few questions posed by classmates and the teacher.	Student is unprepared to present and does not understand the topic very well. Student is unable to accurately answer questions posed by classmates or the teacher.

<b>STEM CONNECTIONS</b>	<b>Excellent</b>	<b>Good</b>	<b>Fair</b>	<b>Poor</b>
STEM Connections	A minimum of 90% of the questions carefully answered demonstrates a sound understanding of unit concepts.	A minimum of 90% of the questions carefully answered demonstrates a good understanding of unit concepts.	A minimum of 90% of the questions carefully answered demonstrates a fair understanding of unit concepts.	A minimum of 90% of the questions carefully answered demonstrates a poor understanding of unit concepts.
Engineering Notebook	Notebook provides a very careful recording of any requested plans, concepts, or conclusions related to the STEM Connections.	Notebook provides a careful recording of any requested plans, concepts, or conclusions related to the STEM Connections.	Notebook provides a reasonable recording of any requested plans, concepts, or conclusions related to the STEM Connections.	Notebook provides little to no recording of any requested plans, concepts, or conclusions related to the STEM Connections.
Presentation	Student is completely prepared, has obviously rehearsed, and shows a full understanding of the topic. Student is able to accurately answer almost all questions posed by classmates or the teacher.	Student is fairly well-prepared, but could have been better rehearsed. Student shows a good understanding of the topic. Student is able to accurately answer most of the questions posed by classmates or the teacher.	Student is somewhat prepared, but it is clear that rehearsal is lacking. Student shows partial understanding of the topic. Student is able to accurately answer a few of the questions posed by classmates or the teacher.	Student is unprepared to present and does not understand the topic very well. Student is unable to accurately answer questions posed by classmates or the teacher.
Collaboration	Almost always listens to, shares with, and supports the efforts of others. Tries to keep people working together well.	Usually listens to, shares with, and supports the efforts of others. Does not create conflict in the group.	Often listens to and shares with and supports the efforts of others, but is sometimes not a good team member.	Rarely listens to, shares with, and supports the efforts of others, but is sometimes not a good team member.