



Welcome to Mr. Turner's

Periods 2 and 3 Sem. 1 Inventions and Innovations Class!

On this page you will find our daily agenda and to-dos. All assignments/lessons are in Schoology, there is a path for you to follow to find each of them. This board is set up with the most recent date at the top. If you miss a day of school, please reference this page to see what you have missed. If you have any questions, send me a message through Schoology or email me at smtturner@henrico.k12.va.us. Looking forward to working with you this year!

[Back to School Night Video](#)

Date: 1/23/23-1/27/23

What are we learning today?

C 31 Explain the importance of technology in the development of society.

C 32 Describe inventions throughout history.

C33 Explore how inventions and innovations relate to the development of new products, processes, and systems.

C 34 Identify the purpose of protecting intellectual property.

C 35 Examine how technology and engineering careers contribute to new inventions and innovations.

C 36 Demonstrate safe use of a minimum of five tools and/or equipment.

C 37 Demonstrate various types of measuring.

C 38 Create sketches and drawings.

Complete Final CO2 Engineering / Finishing, Complete and Participate in Lab Personnel System ; Initiate Inventions Team Activity

Why are we learning it?

To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with **95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.**

Agenda:

I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.)

C= Class Work (Done in class with teacher/student feedback)

H= Homework Activity (Done Independently)

Comments/Due Date

- | | Agenda: | Comments/Due Date |
|---|--|------------------------------|
| I | 1. Complete all Missing Assignments for Q2 FINAL Check all Grades - Mr. Turner
Absence Thursday Jan. 19th and Monday Jan 23rd
a. Unit 10,Q2- Week of Monday, Jan. 23rd thru Friday, Jan.27th | Overview and Finish all work |

I	2. Lab Maintenance Personnel System Revamping/ Final Lab Cleanup a. Unit 10,Q2- Week of Monday, Jan. 23rd thru Friday, Jan.27th	Download and Review-
I/C	3. Initiate all Safety Tests to 100% - Complete both Pretests and Posttests for Inventions Class and Careers Test a. Unit 10,Q2- Week of Monday, Jan. 23rd thru Friday, Jan.27th	Mandatory- IMPORTANT SUBMISSIONS!
C	4. Complete Personal Projects/ Designs Options For Sem. 1 (All Safety Tests upgraded to 100% and Both Pre-Test /Post Tests a. Unit 10,Q2- Week of Monday, Jan. 23rd thru Friday, Jan.27th	See Unit 5 and Project Folder
C	5. Initiate Timelines for Final Projects / Architecture / Cutting Board Tessellations a. Unit 10,Q2- Week of Monday, Jan. 23rd thru Friday, Jan.27th	Projects must be completed by next Wednesday Jan 25th
H	6. Complete all Missing Tests and Assignments- Final Farewells and Course Selections for 2022-23 a. Unit 10,Q2- Week of Monday, Jan. 23rd thru Friday, Jan.27th	According to Specifications / 100% Completion of ALL 3 Safety Tests Course Selections Discussions

Announcements/Assessments:

- **TSA Regional Meeting on Wed. Virtual Meeting**
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
- Link for the selection of 5 Challenges to compete in TSA- <http://tiny.cc/aqoyuz>
- Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- <http://tiny.cc/2ooyuz>
- We continue to set up /update challenge teams
- Link to Regional Meeting Schedule- [TSA Meeting Schedule Thru Regionals 2023](#)
- **TSA Holy Graille for Information- [All Vital TSA Links](#)**

Date: 1/17/23-1/20/23

What are we learning today?

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C 35 Examine how technology and engineering careers contribute to new inventions and innovations.

C 36 Demonstrate safe use of a minimum of five tools and/or equipment.

C 37 Demonstrate various types of measuring.

C 38 Create sketches and drawings.

Complete Final CO2 Engineering / Finishing, Complete and Participate in Lab Personnel System ; Initiate Inventions Team Activity

Why are we learning it?

To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application

and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

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Agenda: I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.) C= Class Work (Done in class with teacher/student feedback) H= Homework Activity (Done Independently)		Comments/Due Date
I	7. Complete all Missing Assignments for Q2 Check all Grades - Mr. Turner Absence Thursday Jan. 19th and Monday Jan 23rd a. Unit 9,Q2- Week of Tuesday, Jan. 17th thru Friday, Jan.20th	Overview and Finish all work
I	8. Lab Maintenance Personnel System Revamping/ Lab Cleanup a. Unit 8,Q2- Week of Monday, Jan. 9th thru Friday, Jan.13th	Download and Review-
I/C	9. Initiate all Safety Tests to 100% - Complete both Pretests and Posttests for Inventions Class and Careers Test a. Unit 9,Q2- Week of Tuesday, Jan. 17th thru Friday, Jan.20th	Mandatory- IMPORTANT SUBMISSIONS!
C	10. Complete Personal Projects/ Designs Options For Sem. 1 (All Safety Tests upgraded to 100% and Both Pre-Test /Post Tests a. Unit 9,Q2- Week of Tuesday, Jan. 17th thru Friday, Jan.20th	See Unit 5 and Project Folder
C	11. Initiate Timelines for Final Projects / Architecture / Cutting Board Tessellations a. Unit 9,Q2- Week of Tuesday, Jan. 17th thru Friday, Jan.20th	Projects must be completed by next Wednesday Jan 25th
H	12. Complete all Missing Tests and Assignments- Discussions for Curriculum Fair / Participation Wednesday Jan. 11th from 6-8 pm in the Gym and Course Selections for 2022-23 a. Unit 9,Q2- Week of Tuesday, Jan. 17th thru Friday, Jan.20th	According to Specifications / 100% Completion of ALL 3 Safety Tests Course Selections Discussions

Announcements/Assessments:

- **TSA Regional Meeting on Wed.Jan 25th**
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
- Link for the selection of 5 Challenges to compete in TSA- <http://tiny.cc/aqoyuz>
- Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- <http://tiny.cc/2ooyuz>
- We continue to set up /update challenge teams
- Link to Regional Meeting Schedule- [TSA Meeting Schedule Thru Regionals 2023](#)
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Date: 1/9/23-1/13/23

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Complete Final CO2 Engineering / Finishing, Complete and Participate in Lab Personnel System ; Initiate Inventions Team Activity

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I	13. Complete Final Engineering /for Inventions Group Project- Presentations on Monday, Jan 9th - Prepare CO2 Vehicles for Dragster Races on Jan. 11th a. Unit 8,Q2- Week of Monday, Jan. 9th thru Friday, Jan.13th	Overview and Finish
I	14. Lab Maintenance Personnel System Revamping a. Unit 8,Q2- Week of Monday, Jan. 9th thru Friday, Jan.13th	Download and Review-
I/C	15. Setup and Race / Record Dragster Performances in Hallway a. Unit 8,Q2- Week of Monday, Jan. 9th thru Friday, Jan.13th	Wed. Jan, 11th -2 Test / Project Grades- IMPORTANT SUBMISSIONS!
C	16. Complete Personal Projects/ Designs Options For Sem. 1 a. Unit 8,Q2- Week of Monday, Jan. 9th thru Friday, Jan.13th	See Unit 5 and Project Folder
C	17. Review Timelines for Final Projects / Architecture / Technical Design a. Unit 8,Q2- Week of Monday, Jan. 9th thru Friday, Jan.13th	Decide with Mr. Turner; IMPORTANT ARCHITECTURAL CONSIDERATIONS!!
H	18. Complete all Missing Tests and Assignments- Discussions for Curriculum Fair / Participation Wednesday Jan. 11th from 6-8 pm in the Gym and Course Selections for 2022-23 a. Unit 8,Q2- Week of Monday, Jan. 9th thru Friday, Jan.13th	According to Specifications / 100% Completion of ALL 3 Safety Tests Course Selections Discussions

Announcements/Assessments:

- **TSA Regional Meeting on Friday Jan. 13th Meeting- No Wed. Meeting Due to Curriculum Fair Wed. Jan .11th from 6-8 pm in the Gym.**
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
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- Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- <http://tiny.cc/2ooyuz>
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- Link to Regional Meeting Schedule- [TSA Meeting Schedule Thru Regionals 2023](#)

Date: 1/2/23-1/6/23

What are we learning today?

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C 37 Demonstrate various types of measuring.

C 38 Create sketches and drawings.

Complete Final CO2 Engineering / Finishing, Complete and Participate in Lab Personnel System ; Initiate Inventions Team Activity

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C= Class Work (Done in class with teacher/student feedback)

H= Homework Activity (Done Independently)

Comments/Due Date

I	19. Complete Final Engineering /for Inventions Group Project- Presentations on Thursday, Jan 5th - Prepare CO2 Vehicles for Dragster Races on Jan. 11th a. Unit 7,Q2- Week of Monday, Jan. 2nd thru Friday, Jan 6th	Overview and Finish
I	20. Lab Maintenance Personnel System Revamping a. Unit 7,Q2- Week of Monday, Jan. 2nd thru Friday, Jan 6th	Download and Review-

I/C	21. Complete and Submit Inventions Project Research / Work Assignment/Present on Thursday, Jan. 5th During Class a. Unit 7,Q2- Week of Monday, Jan. 2nd thru Friday, Jan 6th	Due Thursday, Jan, 5th -2 Test / Project Grades- IMPORTANT SUBMISSIONS!
C	22. Complete Personal Projects/ Designs Options For Sem. 1 a. Unit 7,Q2- Week of Monday, Jan. 2nd thru Friday, Jan 6th	See Unit 5 and Project Folder
C	23. Review Timelines for Final Projects / Architecture / Technical Design a. Unit 7,Q2- Week of Monday, Jan. 2nd thru Friday, Jan 6th	Decide with Mr. Turner; IMPORTANT ARCHITECTURAL CONSIDERATIONS!!
H	24. Complete all Missing Tests and Assignments a. Unit 7,Q2- Week of Monday, Jan. 2nd thru Friday, Jan 6th	According to Specifications / 100% Completion of ALL 3 Safety Tests

Announcements/Assessments:

- TSA Regional Meetings Wed. 1/2/23 and Friday Meeting- Announcements Later Welcome Back!.**
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
- Link for the selection of 5 Challenges to compete in TSA- <http://tiny.cc/aqoyuz>
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- We continue to set up /update challenge teams

Date: 12/12/22-12/16/22

What are we learning today?

C 31 Explain the importance of technology in the development of society.

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C 34 Identify the purpose of protecting intellectual property.

C 35 Examine how technology and engineering careers contribute to new inventions and innovations.

C 36 Demonstrate safe use of a minimum of five tools and/or equipment.

C 37 Demonstrate various types of measuring.

C 38 Create sketches and drawings.

Complete Final C02 Engineering / Finishing, Complete and Participate in Lab Personnel System ; Initiate Inventions Team Activity

Why are we learning it?

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learned it by completing the assignment with **95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.**

Agenda: I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.) C= Class Work (Done in class with teacher/student feedback) H= Homework Activity (Done Independently)		Comments/Due Date
I	25. Complete Final Engineering /for Inventions Group Project a. Unit 6,Q2- Week of Monday, Dec. 12th thru Friday, Dec. 16th	Overview and Finish
I	26. Lab Maintenance Personnel System Revamping a. Unit 6,Q2- Week of Monday, Dec. 12th thru Friday, Dec. 16th	Download and Review-
I/C	27. Complete Inventions Project Research / Work Assignment/Present a. Unit 6,Q2- Week of Monday, Dec. 12th thru Friday, Dec. 16th	Due Friday, Dec. 16th
C	28. Complete Personal Projects/ Designs Options For Dec. 16th and /or Jan 10th a. Unit 6,Q2- Week of Monday, Dec. 12th thru Friday, Dec. 16th	See Unit 5 and Project Folder
C	29. TReview Timeline for Final Projects / Architecture / Technical Design a. Unit 6,Q2- Week of Monday, Dec. 12th thru Friday, Dec. 16th	Decide with Mr. Turner; IMPORTANT ARCHITECTURAL CONSIDERATIONS!!
H	30. Complete all Missing Tests and Assignments a. Unit 6,Q2- Week of Monday, Dec. 12th thru Friday, Dec. 16th	According to Specifications / 100% Completion of ALL 3 Safety Tests

Announcements/Assessments:

- **TSA Meetings Wed. 12/14 Relay for Life: All Members Attend (Don't forget to bring your Donations ASAP!! Happy Holidays; No Friday Meeting.**
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
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- We continue to set up /update challenge teams

Date: 12/5/22-12/9/22

What are we learning today?

C 31 Explain the importance of technology in the development of society.

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Complete Final CO2 Engineering / Finishing, Complete and Participate in Lab Personnel System ; Initiate Inventions Team Activity

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I	31. Final Engineering / Dragster Races for CO2 Vehicle # 1 Discussion a. Unit 5,Q2- Week of Monday, Dec. 5th thru Friday, Dec. 9th	Overview
I	32. Lab Maintenance Personnel System Revamping a. Unit 5,Q2- Week of Monday, Dec. 5th thru Friday, Dec. 9th	Download and Review-
I/C	33. Inventions Project Research / Work Assignment a. Unit 5,Q2- Week of Monday, Dec. 5th thru Friday, Dec. 9th	Due Friday, Dec. 16th
C	34. Consider Personal Projects/ Designs Options For Dec. 16th and /or Jan 10th a. Unit 5,Q2- Week of Monday, Dec. 5th thru Friday, Dec. 9th	See Unit 5 and Project Folder
C	35. Timeline for Final Projects / Architecture / Technical Design a. Unit 5,Q2- Week of Monday, Dec. 5th thru Friday, Dec. 9th	Decide with Mr. Turner; IMPORTANT ARCHITECTURAL CONSIDERATIONS!!
H	36. Complete all Missing Tests and Assignments a. Unit 5,Q2- Week of Monday, Dec. 5th thru Friday, Dec. 9th	According to Specifications / 100% Completion of ALL 3 Safety Tests

Announcements/Assessments:

- **TSA Meetings Wed. 12/7 (Regionals / VEX IQ Teams A & B; Friday 12/9 Technosphere /VEX IQTeams C & D) After School This Week; TSA 101 Meeting Wed. 12/6 @ 6:15 pm**
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
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- We continue to set up /update challenge teams

Date: 11/28/22-12/2/22

What are we learning today?

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Complete Final CO2 Engineering / Finishing, Complete and Participate in Lab Personnel System ; Initiate Inventions Team Activity

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Agenda:

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C= Class Work (Done in class with teacher/student feedback)

H= Homework Activity (Done Independently)

Comments/Due Date

I	37. Lab Activities/ Engineering of CO2 Vehicle # 1 a. Unit 4,Q2- Week of Monday, Nov.28th thru Friday, Dec. 2nd	Today and Wed. Nov. 30th
I	38. Submit Lab Maintenance Personnel System / Updates a. Unit 4,Q2- Week of Monday, Nov.28th thru Friday, Dec. 2nd	Download and Review- Managers will Initiate Final Design(s)
I/C	39. Submit Significant Inventions Discussion Assignment a. Unit 4,Q2- Week of Monday, Nov.28th thru Friday, Dec. 2nd	Due Friday, Dec. 2nd
C	40. Consider Personal Projects/ Designs a. Unit 4,Q2- Week of Monday, Nov.28th thru Friday, Dec. 2nd	Note : Use Correct Lines and Line Weights
C	41. Select Inventions Team Concepts for Q2 a. Unit 4,Q2- Week of Monday, Nov.28th thru Friday, Dec. 2nd	Decide with Mr. Turner

H	42. Complete Individual Student Engineering of CO2 Vehicle # 1 Finished Painted Product Due Friday, Dec. 2nd a. Unit 4,Q2- Week of Monday, Nov.28th thru Friday, Dec. 2nd	According to Specifications / 100% Completion of ALL 3 Safety Tests
Announcements/Assessments: TSA Meetings Wed. 11/30 (Regionals / VEX IQ Teams A & B; Friday 12/2 Technosphere /VEX IQTeams C & D) After School This Week - Link For Permission to Attend Form TSA Meeting After School - HMS TSA Activity Page- Permission to Attend 2022-23 - Link for the selection of 5 Challenges to compete in TSA- http://tiny.cc/aqoyuz - Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- http://tiny.cc/2ooyuz - We continue to set up /update challenge teams		

Date: 11/21/22-11/22/22		
What are we learning today? C 7 Demonstrate Listening and Speaking Skills C 11 Demonstrate Big Picture Thinking C 16 Demonstrate an Understanding of Information Security C19 Apply Mathematical Skills to Job Specific Tasks C 22 Demonstrate Workplace Safety C33 Demonstrate Leadership Skills through Participation in Student Organization Activities Such as Meetings, Programs, and Projects Complete Final CO2 Design / Engineering, Complete and Participate in Lab Personnel System Setup; Prepare for Inventions Team Activity Why are we learning it? To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century. How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with 95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.		
Agenda: I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.) C= Class Work (Done in class with teacher/student feedback) H= Homework Activity (Done Independently)		Comments/Due Date
I	43. Lab Activities/Finishing Fundamentals Lesson a. Unit 3,Q2- Week of Monday, Nov.21st thru Tuesday, Nov.22nd	Today
I	44. Submit Lab Maintenance Personnel System / Updates a. Unit 3,Q2- Week of Monday, Nov.21st thru Tuesday, Nov.22nd	Download and Review- Managers will Submit Final Design(s)

I/C	45. Install and Initiate Personnel System a. Unit 3,Q2- Week of Monday, Nov.21st thru Tuesday, Nov.22nd	Review
C	46. Complete C02 Final Designs & Submit a. Unit 3,Q2- Week of Monday, Nov.21st thru Tuesday, Nov.22nd	Note : Use Correct Lines and Line Weights
C	47. Submit Inventions Team Concepts for Q2 a. Unit 3,Q2- Week of Monday, Nov.21st thru Tuesday, Nov.22nd	Assignment Due Wed. 11/16
H	48. Complete Individual Student Engineering of C02 Vehicle # 1 a. Unit 3,Q2- Week of Monday, Nov.21st thru Tuesday, Nov.22nd	According to Specifications / 100% Completion of ALL 3 Safety Tests

Announcements/Assessments:

● No TSA Meeting After School This Week

- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
- Link for the selection of 5 Challenges to compete in TSA- <http://tiny.cc/aqoyuz>
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- We will be setting up /updating challenge teams

Date: 11/14/22-11/18/22

What are we learning today?

C 7 Demonstrate Listening and Speaking Skills

C 11 Demonstrate Big Picture Thinking

C 16 Demonstrate an Understanding of Information Security

C19 Apply Mathematical Skills to Job Specific Tasks

C 22 Demonstrate Workplace Safety

C33 Demonstrate Leadership Skills through Participation in Student Organization Activities Such as Meetings, Programs, and Projects

Complete Final C02 Design / Engineering, Complete and Participate in Lab Personnel System Setup; Prepare for Inventions Team Activity

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I	49. Prep for Lab Activities a. Unit 2,Q2- Week of Monday, Nov. 14th thru Friday, Nov.18th	Today
I	50. Submit Lab Maintenance Personnel System / Updates a. Unit 2,Q2- Week of Monday, Nov. 14th thru Friday, Nov.18th	Download and Review- Managers will Submit Final Design(s)
I/C	51. Install and Initiate Personnel System a. Unit 2,Q2- Week of Monday, Nov. 14th thru Friday, Nov.18th	Review
C	52. Complete CO2 Final Designs & Submit a. Unit 2,Q2- Week of Monday, Nov. 14th thru Friday, Nov.18th	Note : Use Correct Lines and Line Weights
C	53. Submit Inventions Team Concepts for Q2 a. Unit 2,Q2- Week of Monday, Nov. 14th thru Friday, Nov.18th	Assignment Due Wed. 11/16
H	54. Individual Student Engineering of CO2 Vehicle # 1 a. Unit 2,Q2- Week of Monday, Nov. 14th thru Friday, Nov.18th	According to Specifications / 100% Completion of ALL 3 Safety Tests

Announcements/Assessments:

- **TSA Overviews and Announcement for 11/ 14 and 11/15 after school to Finalize Fall Virtual Uploads; Wednesday, Nov. 16th Virtual Meeting at 7:15 pm (No in person meeting Wed. Nov. 16th and Friday Nov 18th After School. TSA Fall Competition Team ONLY!!!**
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
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Date: 11/9/22-11/11/22

What are we learning today?

C 7 Demonstrate Listening and Speaking Skills

C 11 Demonstrate Big Picture Thinking

C 16 Demonstrate an Understanding of Information Security

C19 Apply Mathematical Skills to Job Specific Tasks

C 22 Demonstrate Workplace Safety

C33 Demonstrate Leadership Skills through Participation in Student Organization Activities Such as Meetings, Programs,

and Projects

Complete Final CO2 Design / Engineering, Complete and Participate in Lab Personnel System Setup; Prepare for Inventions Team Activity

Why are we learning it?

To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with **95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.**

Agenda: I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.) C= Class Work (Done in class with teacher/student feedback) H= Homework Activity (Done Independently)		Comments/Due Date
I	55. Check All Missing and Incomplete Grades for Q1 a. Unit 1,Q2- Week of Wednesday, Nov. 9th thru Friday, Nov.11th	Completed Today
I	56. Submit Lab Maintenance Personnel System Updates a. Unit1,Q2- Week of Wednesday, Nov. 9th thru Friday, Nov.11th	Download and Review- Managers will Submit Final Design(s)
I/C	57. Install and Initiate Personnel System a. Unit 1,Q2- Week of Wednesday, Nov. 9th thru Friday, Nov.11th	Review
C	58. Complete CO2 Final Designs & Submit a. Unit 1,Q2- Week of Wednesday, Nov. 9th thru Friday, Nov.11th	Note : Use Correct Lines and Line Weights
C	59. Explore Inventions Team Concepts for Q2 a. Unit 1,Q2- Week of Wednesday, Nov. 9th thru Friday, Nov.11th	Assignment Due Next Wed. 11/16
H	60. Individual Student Engineering of CO2 Vehicle # 1 a. Unit 1,Q2- Week of Wednesday, Nov. 9th thru Friday, Nov.11th	According to Specifications / 100% Completion of ALL 3 Safety Tests

Announcements/Assessments:

- **TSA Overviews and Announcement for 12th & 13th Meeting on Wednesday, Nov. 9th and Friday Nov.11th After School until 6:30 pm- TSA Fall Competition Team ONLY!!!**
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
- Link for the selection of 5 Challenges to compete in TSA- <http://tiny.cc/aqoyuz>
- Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- <http://tiny.cc/2ooyuz>
- We will be setting up /updating challenge teams

Date: 10/31/22-11/4/22

What are we learning today?

C 7 Demonstrate Listening and Speaking Skills

C 11 Demonstrate Big Picture Thinking

C 16 Demonstrate an Understanding of Information Security

C19 Apply Mathematical Skills to Job Specific Tasks

C 22 Demonstrate Workplace Safety

C33 Demonstrate Leadership Skills through Participation in Student Organization Activities Such as Meetings, Programs, and Projects

Overview of Dragster Specifications / Complete Final CO2 Design, Participate in and Complete the Mass Production Activity, Complete Personnel System Setup

Why are we learning it?

To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with **95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.**

Agenda: I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.) C= Class Work (Done in class with teacher/student feedback) H= Homework Activity (Done Independently)		Comments/Due Date
I	61. Check All Missing and Incomplete Grades for Q1 a. Unit 9- Week of Monday, Oct.31st thru Friday, Nov. 4th	
I	62. Install and Participate in the Lab Maintenance Personnel System a. Unit 9- Week of Monday, Oct.31st thru Friday, Nov. 4th	Download and Review
I/C	63. Consider PTA Reflections Activities a. Unit 9- Week of Monday, Oct.31st thru Friday, Nov. 4th	Review in the Library Folder
C	64. Complete CO2 Final Designs & Templates a. Unit 9- Week of Monday, Oct.31st thru Friday, Nov. 4th	Note : Use Correct Lines and Line Weights
C	65. Explore Inventions Team Concepts for Q2 a. Unit 9- Week of Monday, Oct.31st thru Friday, Nov. 4th	Review 3 Components
H	66. Individual Student Engineering of CO2 Vehicle # 1 a. Unit 9- Week of Monday, Oct.31st thru Friday, Nov. 4th	According to Specifications / 100% Completion of ALL 3 Safety Tests

Announcements/Assessments:

- TSA Overviews and Announcement for 9th, 10th, and 11th Meeting on Wednesday, Nov. 2nd and Thursday Nov 3rd After School until 5:30 pm- TSA Fall Competition Team ONLY!!! (This is a Change!) Revised Meeting on Nov 4th- [See E-Mail Memo]**
- Link For Permission to Attend Form TSA Meeting After School -

[HMS TSA Activity Page- Permission to Attend 2022-23](#)

- Link for the selection of 5 Challenges to compete in TSA- <http://tiny.cc/aqoyuz>
- Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- <http://tiny.cc/2ooyuz>
- We will be setting up /updating challenge teams

Date: 10/25/22-10/28/22

What are we learning today?

C 7 Demonstrate Listening and Speaking Skills

C 11 Demonstrate Big Picture Thinking

C 16 Demonstrate an Understanding of Information Security

C19 Apply Mathematical Skills to Job Specific Tasks

C 22 Demonstrate Workplace Safety

C33 Demonstrate Leadership Skills through Participation in Student Organization Activities Such as Meetings, Programs, and Projects

Overview of Dragster Specifications / Complete Final CO2 Design, Participate in and Complete the Mass Production Activity, Complete Personnel System Setup

Why are we learning it?

To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with **95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.**

Agenda:

I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.)

C= Class Work (Done in class with teacher/student feedback)

H= Homework Activity (Done Independently)

Comments/Due Date

I	1. Mr. Turner Absence on Tuesday, Oct 25th and Friday Oct 28th- Complete Mass Production Feasibility Study Graded Worksheet Assignment /Tech Design Package #2 a. Unit 9- Week of Tuesday, Oct.25th thru Friday, Oct. 28th	See Sub Notes; Due at the end of Class
I	2. Setup for Lab Maintenance Personnel System a. Unit 9- Week of Tuesday, Oct.25th thru Friday, Oct. 28th	Download and Review
I/C	3. Complete Mass Production Activity /Establish Lean and Progressive Manufacturing Protocols Feasibility Studies Now Due Friday, Oct 28th a. Unit 9- Week of Tuesday, Oct.25th thru Friday, Oct. 28th	Note the New Due Date for The Feasibility Studies Assignment
C	4. Complete CO2 Final Designs a. Unit 9- Week of Tuesday, Oct.25th thru Friday, Oct. 28th	Note : Use Correct Lines and Line Weights

C	5. Install Lab Maintenance Systems a. Unit 9- Week of Tuesday, Oct.25th thru Friday, Oct. 28th	Follow the Handout- Set up Teams
H	6. Begin Individual Student Engineering of CO2 Vehicle # 1 a. Unit 9- Week of Tuesday, Oct.25th thru Friday, Oct. 28th	According to Specifications / 100% Completion of ALL 3 Safety Tests

Announcements/Assessments:

- **TSA Overviews and Announcement for 8th Meeting on Wednesday, Oct. 26th After School until 5:30 pm- TSA Fall Competition Team ONLY!!! (This is a Change!)**
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
- Link for the selection of 5 Challenges to compete in TSA- <http://tiny.cc/aqoyuz>
- Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- <http://tiny.cc/2ooyuz>
- We will be setting up /updating challenge teams

Date: 10/17/22-10/21/22

What are we learning today?

C 7 Demonstrate Listening and Speaking Skills

C 11 Demonstrate Big Picture Thinking

C 16 Demonstrate an Understanding of Information Security

C19 Apply Mathematical Skills to Job Specific Tasks

C 22 Demonstrate Workplace Safety

C33 Demonstrate Leadership Skills through Participation in Student Organization Activities Such as Meetings, Programs, and Projects

Day 1 Students Pass Safety Tests with 100% Accuracy, Overview of Dragster Specifications / Complete Final CO2 Design, Participate in Mass Production Activity, Complete Personnel System Setup

Why are we learning it?

To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with **95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.**

Agenda:

I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.)

C= Class Work (Done in class with teacher/student feedback)

H= Homework Activity (Done Independently)

Comments/Due Date

I	1. Review Safety Notes & Video on the Drill Press and Bandsaw: Complete Safety Tests a. Unit 8- Week of Week of Monday, Oct.17th thru Friday, Oct. 21st	In Class; See Reference Notes and Video
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I	2. Discuss Setup for Lab Maintenance Personnel System a. Unit 8- Week of Week of Monday, Oct.17th thru Friday, Oct. 21st	Download and Review
I/C	3. Overview Mass Production Activity /Establish Lean and Progressive Manufacturing Protocols a. Unit 8- Week of Week of Monday, Oct.17th thru Friday, Oct. 21st	Add Details and Check Reversed Images
C	4. Complete CO2 Final Designs a. Unit 8- Week of Week of Monday, Oct.17th thru Friday, Oct. 21st	Note : Use Correct Lines and Line Weights
C	5. Set up /Review /Design Mass Production Activity a. Unit 8- Week of Week of Monday, Oct.17th thru Friday, Oct. 21st	Follow the Handout- Set up Teams
H	6. Manufacturing and Engineering of CO2 Vehicle # 1 a. Unit 8- Week of Week of Monday, Oct.17th thru Friday, Oct. 21st	According to Specifications

Announcements/Assessments:

- TSA Overviews and Announcement for 6th Meeting on Friday, Oct. 14th After School until 6:30 pm- TSA Fall Competition Meeting on Wednesday Oct. 19th
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
- Link for the selection of 5 Challenges to compete in TSA- <http://tiny.cc/aqoyuz>
- Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- <http://tiny.cc/2ooyuz>
- We will be setting up /updating challenge teams

Date: 10/10/22-10/14/22

What are we learning today?

C 7 Demonstrate Listening and Speaking Skills

C 11 Demonstrate Big Picture Thinking

C 16 Demonstrate an Understanding of Information Security

C19 Apply Mathematical Skills to Job Specific Tasks

C 22 Demonstrate Workplace Safety

C33 Demonstrate Leadership Skills through Participation in Student Organization Activities Such as Meetings, Programs, and Projects

Review Bandsaw and Drill Press Safety Notes; Pass Safety Tests with 100% Accuracy, Prepare for PTA Reflections / Digital Photography Competition/Study Digital Photography Notes, Overview of Dragster Specifications

Why are we learning it?

To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with **95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.**

Agenda: I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.) C= Class Work (Done in class with teacher/student feedback) H= Homework Activity (Done Independently)		Comments/Due Date
I	7. Review Safety Notes & Video on the Drill Press and Bandsaw a. Unit 7- Week of Monday, Oct.10th thru Friday, Oct. 14th	In Class; See Reference Notes and Video
I	8. Digital Photography Notes Sessions 1 and 2 a. Unit 7- Week of Monday, Oct.10th thru Friday, Oct. 14th	Download and Review
I/C	9. Safety and Machine Operations for the Drill Press and Bandsaw a. Unit 7- Week of Monday, Oct.1th thru Friday, Oct. 14th	Add Details and Check Reversed Images
C	10. Requirements and Rubric for the PTA Reflections Program a. Unit 7- Week of Monday, Oct.10th thru Friday, Oct. 14th	Note : The Photo Assignment is not Optional
C	11. Set up /Review /Design Mass Production Activity a. Unit 7- Week of Monday, Oct.10 th thru Friday, Oct. 14th	Follow the Handout- Set up Teams
H	12. Prepare for Personnel System Setup/ Dragster Engineering Activity a. Unit 7- Week of Monday, Oct.10th thru Friday, Oct. 14th	Handouts and notes provided-Begins in October.
Announcements/Assessments: - TSA Overviews and Announcement for 5th Meeting on Friday, Oct. 14th After School until 6:30 pm- TSA Fall Rally on Saturday, Oct. 15th from 10:00am-3:00pm - Link For Permission to Attend Form TSA Meeting After School - HMS TSA Activity Page- Permission to Attend 2022-23 - Link for the selection of 5 Challenges to compete in TSA- http://tiny.cc/aqoyuz - Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- http://tiny.cc/2ooyuz - We will be setting up /updating challenge teams		

Date: 10/3/22-10/7/22
What are we learning today? C 7 Demonstrate Listening and Speaking Skills C 11 Demonstrate Big Picture Thinking C 16 Demonstrate an Understanding of Information Security C19 Apply Mathematical Skills to Job Specific Tasks C 22 Demonstrate Workplace Safety C33 Demonstrate Leadership Skills through Participation in Student Organization Activities Such as Meetings, Programs, and Projects Complete Assignments given in Mr. Turner's Absence / Make up Missing Work; Print T-Shirt Designs, Apply Out of the Box Thinking to Project Activities; Develop Wise Use of Time Practices, Review Bandsaw and Drill Press Safety Notes; Prepare for PTA Reflections /Digital Photography Competition

Why are we learning it?

To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with **95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.**

Agenda: I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.) C= Class Work (Done in class with teacher/student feedback) H= Homework Activity (Done Independently)		Comments/Due Date
I	1. Complete Missing Assignments and Activities a. Unit 6- Week of Monday, Oct.3rd thru Friday, Oct. 7th	In Class; Update
I	2. Participate in the Engineered Bridges /Towers /Structures Activities in Day 2 Classes; Debrief in Day 1 Classes a. Unit 6- Week of Monday, Oct.3rd thru Friday, Oct. 7th	See Rubric in Unit 3
I/C	3. Approve the T-shirt Final Designs a. Unit 6- Week of Monday, Oct.3rd thru Friday, Oct. 7th	Add Details and Check Reversed Images
C	4. Complete the Technology T-shirt Physical Printing in Class a. Unit 6- Week of Monday, Oct.3rd thru Friday, Oct. 7th	Note the Differences in Requirements for 8th Grade/All Grades
C	5. Prepare for Drill Press and Bandsaw Safety Lessons a. Unit 6- Week of Monday, Oct.3rd thru Friday, Oct. 7th	Follow the Handouts from Unit 3
H	6. Prepare for Digital Photography Lesson / PTA Reflections Activity a. Unit 6- Week of Monday, Oct.3rd thru Friday, Oct. 7th	Handouts and notes provided-Begins in October.

Announcements/Assessments:

- TSA Overviews and Announcement for 4th Meeting on Friday, Oct. 7th After School until 6:30 pm (Last 2 weeks have been cancelled)
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
- Link for the selection of 5 Challenges to compete in TSA- <http://tiny.cc/aqoyuz>
- Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- <http://tiny.cc/2ooyuz>
- We will be Releasing the Results for **Dragster, Flight, Structural Engineering, Digital Photography, and Promotional Marketing THIS WEEK** and setting up /updating challenge teams

Date: 9/26/22-9/30/22

What are we learning today?

C 7 Demonstrate Listening and Speaking Skills

C 11 Demonstrate Big Picture Thinking

C 16 Demonstrate an Understanding of Information Security

C19 Apply Mathematical Skills to Job Specific Tasks

C 22 Demonstrate Workplace Safety

C33 Demonstrate Leadership Skills through Participation in Student Organization Activities Such as Meetings, Programs, and Projects

Complete Assignments given in Mr. Turner's absence; Participate in Group Engineering Project(s) When He Returns, Apply Out of the Box Thinking to Project Activities; Develop Wise Use of Time Practices

Why are we learning it?

To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with **95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.**

Agenda: I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.) C= Class Work (Done in class with teacher/student feedback) H= Homework Activity (Done Independently)		Comments/Due Date
I	1. Complete Checklist of Assignments Activity / Tech Musical Chairs Submit it to the Substitute a. Unit 5- Week of Monday, Sept.26th thru Friday, Sept. 30th	In Class;
I	2. Participate in the Engineered Bridges /Towers /Structures Activities When Mr. Turner Returns Wed. Sept. 28th & 29th- a. Unit 5- Week of Monday, Sept.26th thru Friday, Sept. 30th	See Rubric in Unit 3
I/C	3. Complete the Technical Sketching Activity w/Substitute /Submit on Your Own Paper- Do not Mark on the Desk Copy a. Unit 5- Week of Monday, Sept.26th thru Friday, Sept. 30th	Take your time and do not rush this Assignment
C	4. Complete the Technology T-shirt Activity/ Submit Digitally a. Unit 5- Week of Monday, Sept.26th thru Friday, Sept. 30th	Note the Differences in Requirements for 8th Grade
C	5. Prepare the Written Components for the Structural Activities /Test Structures a. Unit 5- Week of Monday, Sept.26th thru Friday, Sept. 30th	Follow the Handouts from Unit 3
H	6. Prepare for Digital Photography Lesson / PTA Reflections Activity a. Unit 5- Week of Monday, Sept.26th thru Friday, Sept. 30th	Handouts and notes provided-Begins in October.

Announcements/Assessments:

- TSA Overviews and Announcement for 4th Meeting on Friday, Sept.30th After School until 6:30 pm
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
- Link for the selection of 5 Challenges to compete in TSA- <http://tiny.cc/aqoyuz>
- Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- <http://tiny.cc/2ooyuz>

- We will be Releasing the Results for **Dragster, Flight, Structural Engineering, Digital Photography, and Promotional Marketing** and setting up /updating challenge teams

Date: 9/19/22-9/23/22

What are we learning today?

C 7 Demonstrate Listening and Speaking Skills

C 11 Demonstrate Big Picture Thinking

C 16 Demonstrate an Understanding of Information Security

C19 Apply Mathematical Skills to Job Specific Tasks

C 22 Demonstrate Workplace Safety

C33 Demonstrate Leadership Skills through Participation in Student Organization Activities Such as Meetings, Programs, and Projects

Complete Safety Tests with 100% Accuracy and Open Note Take Home Measurement Test; Participate in Group Engineering Project, Apply Out of the Box Thinking to project Activities

Why are we learning it?

To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with **95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.**

Agenda:

I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.)

C= Class Work (Done in class with teacher/student feedback)

H= Homework Activity (Done Independently)

Comments/Due Date

I	7. Complete the General Lab Safety Test with 100% Accuracy- a. Unit 4- Week of Monday, Sept. 19th thru Friday, Sept. 23rd	In Class; Test in Schoology (2 retakes)
I	8. Participate in the Engineered Bridges Activity a. Unit 4- Week of Monday, Sept. 19th thru Friday, Sept. 23rd	See Rubric in Unit 3
I/C	9. Complete the Technology Musical Chairs Activity a. Unit 4- Week of Monday, Sept. 19th thru Friday, Sept. 23rd	Note Differences in Requirements per class/level
C	10. Sketch the CO2 Vehicle of Choice / Begin Design Considerations-3 Main CO2 Designs Activity -Due Friday, Sept. 23rd a. Unit 4- Week of Monday, Sept. 19th thru Friday, Sept. 23rd	Submit Virtual or Actual Drawing
C	11. Apply Safety Procedures / Assemble and Test Engineered Structures Group Project	Follow the Handouts from Unit 3

	a. Unit 4- Week of Monday, Sept.19th thru Friday, Sept. 23rd	
H	12. Prepare for Digital Photography Lesson / PTA Reflections Activity a. Unit 4- Week of Monday, Sept.19th thru Friday, Sept. 23rd	Handouts and notes provided

Announcements/Assessments:

- TSA Overviews and Announcement for 4th Meeting on Friday, Sept. 23rd After School until 6:30 pm
- Link For Permission to Attend Form TSA Meeting After School - [HMS TSA Activity Page- Permission to Attend 2022-23](#)
- Link for the selection of 5 Challenges to compete in TSA- <http://tiny.cc/aqoyuz>
- Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- <http://tiny.cc/2ooyuz>
- We will be Releasing the Results for **Dragster, Flight, Structural Engineering, Digital Photography, and Promotional Marketing** and setting up /updating challenge teams

Date: 9/12/22-9/16/22

What are we learning today?

C-1 Demonstrate Critical Thinking and Problem Solving-

C-2 Demonstrate Initiative and Self Direction

C 10 Collaborate with Team Members

C 14 Manage Time and Resources

C 23 Identify the Purposes and Goals of the Student Organization (TSA)

C 32 Define Technology / Engineering

Expectations Revisit as Necessary, Complete the Getting to Know You Presentations; Begin Safety Tests and Measurement Lessons/Open Note Test

Why are we learning it?

To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with **95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.**

Agenda:

I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.)

C= Class Work (Done in class with teacher/student feedback)

H= Homework Activity (Done Independently)

Comments/Due Date

I	1. Complete the Inventions Class Pre-Test and Careers Pre-Test a. Unit 3- Week of Monday, Sept.12th thru Friday, Sept. 16th	In Class; Schoology
I	2. Review General Lab Safety Rules a. Unit 3- Week of Monday, Sept.12th thru Friday, Sept. 16th	Study Guides Provided

I/C	3. Review the 3 Measurement Systems a. Unit 3- Week of Monday, Sept.12th thru Friday, Sept. 16th	Study Guides Provided
C	4. Complete the General Lab Safety Test a. Unit 3- Week of Monday, Sept.12th thru Friday, Sept. 16th	Score of 100 needed- Retake 2 times
C	5. Complete the Open Note Measurement Test in Schoology -English /Customary System a. Unit 3- Week of Monday, Sept.12th thru Friday, Sept. 16th b. The Measurement Test will not be Viewable Until Friday, Sept. 16th- It will be due on Tuesday, Sept. 20th. Remember it will be OPEN NOTE in Schoology; It is located in the class TEST and PROJECT FOLDER.	Follow the Handouts; 1 retake; Highest Score Recorded
H	6. Prepare for Individual and group Projects # 1 a. Unit 3- Week of Monday, Sept.12th thru Friday, Sept. 16th	Handouts and notes provided

Announcements/Assessments:

- TSA Overviews and Announcement for 3rd Meeting on Friday, Sept. 16th After School until 6:30 pm
- Link For Permission to Attend Form TSA Meeting After School
- [HMS TSA Activity Page- Permission to Attend 2022-23](#)
- Link for the selection of 5 Challenges to compete in TSA- <http://tiny.cc/aqoyuz>
- Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- <http://tiny.cc/2ooyuz>
- We will be Testing Open Challenges for Dragster, Flight, Structural Engineering and setting up challenge teams

Date: 9/6/22-9/9/22

What are we learning today?

C-1 Demonstrate Critical Thinking and Problem Solving-

C-2 Demonstrate Initiative and Self Direction

C 10 Collaborate with Team Members

C 14 Manage Time and Resources

C 23 Identify the Purposes and Goals of the Student Organization (TSA)

C 32 Define Technology / Engineering

Greetings for 2022-23, , Expectations Revisit , Who are We / Getting to Know You Presentations; Collect and Complete Important Forms, Begin Safety Tests and Measurement Lessons

Why are we learning it?

To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with **95% accuracy or higher; 100% accuracy required for all Safety Tests/Activities.**

Agenda: I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.) C= Class Work (Done in class with teacher/student feedback) H= Homework Activity (Done Independently)		Comments/Due Date
I	7. Complete the Getting to Know You Activity / Conversation Stones a. Unit 2- Week of Tuesday, Sept.6th thru Friday, Sept. 9th	Due Wednesday, Sept. 7th
I	8. Collect Course Syllabus (Digital and Analog Signature Options) a. Unit 2- Week of Tuesday, Sept.6th thru Friday, Sept. 9th	Signatures Required
I/C	9. Collect Lab Rules Class Expectations a. Unit 2- Week of Tuesday, Sept.6th thru Friday, Sept. 9th	Signatures Required
C	10. Present Getting to Know You / Conversation Stones Activity a. Unit 2- Week of Tuesday, Sept.6th thru Friday, Sept. 9th	Graded PowerPoint / Google Slides
C	11. Complete Digital Desktop /Folder Setups a. Unit 2- Week of Tuesday, Sept.6th thru Friday, Sept. 9th	Follow the Handout
H	12. Prepare for General Lab Safety Overview /Test; Inventions and Innovations Pre-Test for Class and for Careers a. Unit 2- Week of Tuesday, Sept.6th thru Friday, Sept. 9th	Study Guide Provided to Follow Class Lesson for Safety Test
Announcements/Assessments: - TSA Overviews and Announcement for 2nd Meeting on Friday, Sept. 9th After School until 6:30 pm - Link For Permission to Attend Form TSA Meeting After School HMS TSA Activity Page- Permission to Attend 2022-23 - Link for the selection of 5 Challenges to compete in TSA- http://tiny.cc/aqoyuz - Link to obtain Design Briefs for 2022-23 and Information for Open Challenges / All Briefs- http://tiny.cc/2ooyuz		

Date: 8/29/22-9/1/22
What are we learning today? C-1 Demonstrate Critical Thinking and Problem Solving- C-2 Demonstrate Initiative and Self Direction C 10 Collaborate with Team Members C 14 Manage Time and Resources C 23 Identify the Purposes and Goals of the Student Organization (TSA) C 32 Define Technology / Engineering Greetings for 2021-22, Seating, Hide and Lock Procedures, Expectations , Who are We / Getting to Know You; Important Forms, Class and Project Overviews, Lab Tour Why are we learning it? To begin to explore your relationship to technology, engineering and each other; how technology affects the world around you, as well as careers in the fields of technology and engineering. Students will study and experience through application and hands-on experiences many new concepts that affect or will affect your daily lives as leaders and learners in the 21st century.

How will we know we've learned it (Success Criteria)? I will be able to complete procedural forms ,tasks , seating, safety setups; become aware of upcoming TSA activities ,and getting to know you activities. I will know I have learned it by completing the assignment with **95% accuracy or higher.**

Agenda:

I= Instructional Materials (Presentations, Articles, Modeling Websites, etc.)

C= Class Work (Done in class with teacher/student feedback)

H= Homework Activity (Done Independently)

Comments/Due Date

I	13. Complete Seating Chart Warmup Activity a. Unit 1- Week of Monday, August 29th thru Thursday, Sept. 1st	
I	14. Review Course Syllabus (Digital and Analog Signature Options) a. Unit 1- Week of Monday, August 29th thru Thursday, Sept. 1st	Signatures Required
I/C	15. Complete and Sign Lab Rules Class Expectations a. Unit 1- Week of Monday, August 29th thru Thursday, Sept. 1st	Signatures Required
C	16. Participate in Hide and Lock / Lab Orientation a. Unit 1- Week of Monday, August 29th thru Thursday, Sept. 1st	
C	17. Participate in Project Activities Overview and TSA Discussion a. Unit 1- Week of Monday, August 29th thru Thursday, Sept. 1st	
H	18. Prepare for Getting to Know You Digital Activity a. Unit 1- Week of Monday, August 29th thru Thursday, Sept. 1st	Graded PowerPoint / Google Slides

Announcements/Assessments:

- TSA Overviews and Announcement for 1st Meeting on Thursday, Sept. 1st After School until 5:30 pm
- Link For Permission to Attend Form TSA Meeting After School
- [HMS TSA Activity Page- Permission to Attend 2022-23](#)