Needwood Middle School
Daily Agenda/Lesson Plan

Teacher(s): Gainous/Pruitt	Date: 2/10 Sub Day
Standards:	**S8P5a. Construct an argument using evidence to support the claim that fields (i.e., magnetic fields, gravitational fields, and electric fields) exist between objects exerting forces on each other even when the objects are not in contact.** **S8P5b. Plan and carry out investigations to demonstrate the distribution of charge in conductors and insulators.**
Learning Target:	**I am learning to describe how electric current flows through conductors and insulators, so that I can make a circuit.**
Success Criteria:	☐ **List the two types of charges** ☐ **Describe the effects on same and opposite charges** ☐ **Define conductors and insulators in terms of electricity** ☐ **Describe movement of charges in conductors and insulators** ☐ **List the parts of a circuit**
Activity(ies)/Assignment with Text and/or Links:	Unit 11: Magnetism and Electricity Notes Magnets CER worksheet

Needwood Middle School
Daily Agenda/Lesson Plan

Teacher(s):	Date: 2/11 Magnets Gizmo
Standards:	**S8P5a. Construct an argument using evidence to support the claim that fields (i.e., magnetic fields, gravitational fields, and electric fields) exist between objects exerting forces on each other even when the objects are not in contact.**

	S8P5b. Plan and carry out investigations to demonstrate the distribution of charge in conductors and insulators.
Learning Target:	**I am learning to describe how electric current flows through conductors and insulators, so that I can make a circuit.**
Success Criteria:	☐ **List the two types of charges** ☐ **Describe the effects on same and opposite charges** ☐ **Define conductors and insulators in terms of electricity** ☐ **Describe movement of charges in conductors and insulators** ☐ **List the parts of a circuit**
Activity(ies)/Assignment with Text and/or Links:	Unit 11: Magnetism and Electricity Notes Magnetism Gizmo (R)

Needwood Middle School
Daily Agenda/Lesson Plan

Teacher(s):	Date: 2/12 Day 3: Electricity Notes and Practice/Achieve “Coming Up, More Lightning”
Standards:	**S8P5a. Construct an argument using evidence to support the claim that fields (i.e., magnetic fields, gravitational fields, and electric fields) exist between objects exerting forces on each other even when the objects are not in contact.** **S8P5b. Plan and carry out investigations to demonstrate the distribution of charge in conductors and insulators.**
Learning Target:	**I am learning to describe how electric current flows through conductors and insulators, so that I can make a circuit.**
Success Criteria:	☐ **List the two types of charges** ☐ **Describe the effects on same and opposite charges** ☐ **Define conductors and insulators in terms of electricity** ☐ **Describe movement of charges in conductors and insulators** ☐ **List the parts of a circuit**
Activity(ies)/Assignment with Text and/or Links:	Unit 11: Magnetism and Electricity Notes Electric transfer notes

	Conduction/Induction/Static Practice Worksheet

Needwood Middle School
Daily Agenda/Lesson Plan

Teacher(s):	Date: 2/13 Day 4: Electrostatic Phet Lab/CER Stations
Standards:	**S8P5a. Construct an argument using evidence to support the claim that fields (i.e., magnetic fields, gravitational fields, and electric fields) exist between objects exerting forces on each other even when the objects are not in contact.** **S8P5b. Plan and carry out investigations to demonstrate the distribution of charge in conductors and insulators.**
Learning Target:	**I am learning to describe how electric current flows through conductors and insulators, so that I can make a circuit.**
Success Criteria:	☐ **List the two types of charges** ☐ **Describe the effects on same and opposite charges** ☐ **Define conductors and insulators in terms of electricity** ☐ **Describe movement of charges in conductors and insulators** ☐ **List the parts of a circuit**
Activity(ies)/Assignment with Text and/or Links:	Static Phet Lab CER Stations

Needwood Middle School
Daily Agenda/Lesson Plan

Teacher(s):	Date: 2/14 Day 5: Electromagnet Notes and Virtual Lab
Standards:	**S8P5a. Construct an argument using evidence to support the claim that fields (i.e., magnetic fields, gravitational fields, and electric fields) exist between objects exerting forces on each other even when the objects are not in contact.** **S8P5b. Plan and carry out investigations to demonstrate the distribution of charge in conductors and insulators.**

Learning Target:	**I am learning to describe how electric current flows through conductors and insulators, so that I can make a circuit.**
Success Criteria:	☐ **List the two types of charges** ☐ **Describe the effects on same and opposite charges** ☐ **Define conductors and insulators in terms of electricity** ☐ **Describe movement of charges in conductors and insulators** ☐ **List the parts of a circuit**
Activity(ies)/Assignment with Text and/or Links:	Electromagnet Notes and Virtual Lab

Needwood Middle School
Daily Agenda/Lesson Plan

Teacher(s): Mickey and McElvaney	Date: 2/17 Day 6: Kesler Labs
Standards:	**S8P5a. Construct an argument using evidence to support the claim that fields (i.e., magnetic fields, gravitational fields, and electric fields) exist between objects exerting forces on each other even when the objects are not in contact.** **S8P5b. Plan and carry out investigations to demonstrate the distribution of charge in conductors and insulators.**
Learning Target:	**I am learning to describe how electric current flows through conductors and insulators, so that I can make a circuit.**
Success Criteria:	☐ **List the two types of charges** ☐ **Describe the effects on same and opposite charges** ☐ **Define conductors and insulators in terms of electricity** ☐ **Describe movement of charges in conductors and insulators** ☐ **List the parts of a circuit**
Activity(ies)/Assignment with Text and/or Links:	Electricity And Magnetism Notes.pptx Kesler Labs

Needwood Middle School
Daily Agenda/Lesson Plan

Teacher(s):	Date: 2/18 Day 7: Kesler Lab
Standards:	**S8P5a. Construct an argument using evidence to support the claim that fields (i.e., magnetic fields, gravitational fields, and electric fields) exist between objects exerting forces on each other even when the objects are not in contact.** **S8P5b. Plan and carry out investigations to demonstrate the distribution of charge in conductors and insulators.**
Learning Target:	**I am learning to describe how electric current flows through conductors and insulators, so that I can make a circuit.**
Success Criteria:	☐ **List the two types of charges** ☐ **Describe the effects on same and opposite charges** ☐ **Define conductors and insulators in terms of electricity** ☐ **Describe movement of charges in conductors and insulators** ☐ **List the parts of a circuit**
Activity(ies)/Assignment with Text and/or Links:	Kesler Labs Magnetism and Electricity

Needwood Middle School
Daily Agenda/Lesson Plan

Teacher(s):	Date: 2/19 Day 8: Lab Day
Standards:	**S8P5a. Construct an argument using evidence to support the claim that fields (i.e., magnetic fields, gravitational fields, and electric fields) exist between objects exerting forces on each other even when the objects are not in contact.**

	S8P5b. Plan and carry out investigations to demonstrate the distribution of charge in conductors and insulators.
Learning Target:	**I am learning to describe how electric current flows through conductors and insulators, so that I can make a circuit.**
Success Criteria:	☐ **List the two types of charges** ☐ **Describe the effects on same and opposite charges** ☐ **Define conductors and insulators in terms of electricity** ☐ **Describe movement of charges in conductors and insulators** ☐ **List the parts of a circuit**
Activity(ies)/Assignment with Text and/or Links:	Copy of 2021 Electricity and Magnetism Notes Elecromagnet lab sheet

Needwood Middle School
2022-2023
Daily Agenda/Lesson Plan

Teacher(s): Mickey and McElvaney	Date: 2/20 Day 9: Test Review
Standards:	**S8P5a. Construct an argument using evidence to support the claim that fields (i.e., magnetic fields, gravitational fields, and electric fields) exist between objects exerting forces on each other even when the objects are not in contact.** **S8P5b. Plan and carry out investigations to demonstrate the distribution of charge in conductors and insulators.**
Learning Target:	**I am learning to describe how electric current flows through conductors and insulators, so that I can make a circuit.**
Success Criteria:	☐ **List the two types of charges** ☐ **Describe the effects on same and opposite charges** ☐ **Define conductors and insulators in terms of electricity** ☐ **Describe movement of charges in conductors and insulators** ☐ **List the parts of a circuit**

Activity(ies)/Assignment with Text and/or Links:	Study Guide Escape room gimkit

Needwood Middle School
2022-2023
Daily Agenda/Lesson Plan

Teacher(s): Mickey and McElvaney	Date: 2/21 Day 10: Unit 11 Test
Standards:	**S8P5a. Construct an argument using evidence to support the claim that fields (i.e., magnetic fields, gravitational fields, and electric fields) exist between objects exerting forces on each other even when the objects are not in contact.** **S8P5b. Plan and carry out investigations to demonstrate the distribution of charge in conductors and insulators.**
Learning Target:	**I am learning to describe how electric current flows through conductors and insulators, so that I can make a circuit.**
Success Criteria:	☐ **List the two types of charges** ☐ **Describe the effects on same and opposite charges** ☐ **Define conductors and insulators in terms of electricity** ☐ **Describe movement of charges in conductors and insulators** ☐ **List the parts of a circuit**
Activity(ies)/Assignment with Text and/or Links:	Test