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| **Physics: Warneck** | | **Week: S2W13** | | |
| **Objective** | **Standards** | | **TEACH/ASSESS** | **HW** |
| **4/22/Monday**  Summarize electromagnetic waves and relate this model to Activity 8. | **P4.6h** Explain the relationship between the frequency of an electromagnetic wave and its technological uses.  **P4.6e** Explain why antennas are needed for radio, television, and cell phone transmission and reception.  **P4.6f** Explain how radio waves are modified to send information in radio and television programs, radio-control cars, cell phone conversations, and GPS systems.  **P4.6B** Explain why radio waves can travel through space, but sound waves cannot.  **P4.6C** Explain why there is a delay between the times we send a radio message to astronauts on the moon and when they receive it. | | **Wireless Comm. Unit:**  **Activity 9-10** | *Turn in completed composition book by* ***Friday, April 26th.*** |
| **4/23/Tuesday**  Summarize the transfer of electromagnetic charges in a coil antenna. | **Wireless Comm. Unit:**  **Activity 11-12** |  |
| **4/24/Wednesday**  Calculate the area of coverage for wireless comm. Towers. | **Wireless Comm. Unit:**  **Activity 13-14** |  |
| **4/25/Thursday**  Draft your 2nd body paragraph in your independent research paper. | **Independent Research Project:**  ***Body Paragraph #2*** | **Research Project:**  *Body Paragraph #2*  **Complete:**  *Incomplete:*  Late: |
| **4/26/Friday**  Draft your 3rd body paragraph in your independent research paper | **Independent Research Project:**  ***Body Paragraph #3*** | **Research Project:**  *Body Paragraph #3*  **Complete:**  *Incomplete:*  Late:  ***Completed composition book due today.*** |

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| **Physics: Warneck** | | **Week: S2W14** | | |
| **Objective** | **Standards** | | **TEACH/ASSESS** | **HW** |
| **4/29/Monday**  Prepare for GA Post-test | **P4.6h** Explain the relationship between the frequency of an electromagnetic wave and its technological uses.  **P4.6e** Explain why antennas are needed for radio, television, and cell phone transmission and reception.  **P4.6f** Explain how radio waves are modified to send information in radio and television programs, radio-control cars, cell phone conversations, and GPS systems.  **P4.6B** Explain why radio waves can travel through space, but sound waves cannot.  **P4.6C** Explain why there is a delay between the times we send a radio message to astronauts on the moon and when they receive it. | | **Review for Graphical Analysis Post Test** | Review for Graphical Analysis Post Test |
| **4/30/Tuesday**  Prepare for GA Post-test | **Review for Graphical Analysis Post Test** | Review for Graphical Analysis Post Test |
| **5/1/Wednesday** | **Graphical Analysis Post Test** |  |
| **5/2/Thursday**  Complete Rough Draft of the Research Paper | **Independent Research Project** | **Completed Independent Research Project**  **Due: 5/7/Tuesday** |
| **5/3/Friday**  Complete Rough Draft of the Research Paper | **Independent Research Project** | **Completed Independent Research Project**  **Due: 5/7/Tuesday** |

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| **Physics: Warneck** | | **Week: S2W15** | | |
| **Objective** | **Standards** | | **TEACH/ASSESS** | **HW** |
| **5/6/Monday** | **P4.6h** Explain the relationship between the frequency of an electromagnetic wave and its technological uses.  **P4.6e** Explain why antennas are needed for radio, television, and cell phone transmission and reception.  **P4.6f** Explain how radio waves are modified to send information in radio and television programs, radio-control cars, cell phone conversations, and GPS systems.  **P4.6B** Explain why radio waves can travel through space, but sound waves cannot.  **P4.6C** Explain why there is a delay between the times we send a radio message to astronauts on the moon and when they receive it. | | **Wrap-up activities for  *Wireless Comm. Unit*** | **Study for the *Wireless Comm. Unit Test*** |
| **5/7/Tuesday** | **Wrap-up activities for  *Wireless Comm. Unit*** | **Study for the *Wireless Comm. Unit Test*** |
| **5/8/Wednesday\*PLC** |  |  |
| **5/9/Thursday** | ***Wireless Comm. Unit Test*** |  |
| **5/10/Friday** |  |  |

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| **Physics: Warneck** | | **Week: S2W17** | | |
| **Objective** | **Standards** | | **TEACH/ASSESS** | **HW** |
| **5/20/Monday** | **All for 2nd Semester** | | Presentations | **Study for the *Pre-Final Test*** |
| **5/21/Tuesday** | Presentation /  Review for Pre-Finial Test | **Study for the *Pre-Final Test*** |
| **5/22/Wednesday\*PLC** | Presentation /  Review for Pre-Finial Test | **Study for the *Pre-Final Test*** |
| **5/23/Thursday** | Review for Pre-Finial Test | **Study for the *Pre-Final Test*** |
| **5/24/Friday** | **Pre-Final Test** |  |

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| **Physics: Warneck** | | **Week: S2W16** | | |
| **Objective** | **Standards** | | **TEACH/ASSESS** | **HW** |
| **5/13/Monday** | **P4.6h** Explain the relationship between the frequency of an electromagnetic wave and its technological uses.  **P4.6e** Explain why antennas are needed for radio, television, and cell phone transmission and reception.  **P4.6f** Explain how radio waves are modified to send information in radio and television programs, radio-control cars, cell phone conversations, and GPS systems.  **P4.6B** Explain why radio waves can travel through space, but sound waves cannot.  **P4.6C** Explain why there is a delay between the times we send a radio message to astronauts on the moon and when they receive it. | | Presentations |  |
| **5/14/Tuesday** | Presentation |  |
| **5/15/Wednesday** | Go over the Graphical Analysis Post-test |  |
| **5/16/Thursday** | Movie: Contact |  |
| **5/17/Friday** | Cedar Point /  Movie: Contact |  |