

Room 4231 - Ms. Sherrard

Period 1 - Prep

Period 2 - Physics 112

Period 3 - Physics 122

Period 4 - Science 122

Period 5 - Science 10

Physics 112

Wednesday, January 29/20

1. Class List/Seating Plan
 2. Prerequisites for Physics 112
 3. Course Outline
 4. Classroom Expectations
 5. Classroom Procedures
 6. Fire Alarms & Lock Downs
 7. **Assignment - Alphabetical Autobiography**
- Due: Friday, Jan. 31/20
 8. Learning Targets
 9. Task Sheet
 10. Basic Knowledge and Skills
 11. What is Physics?
 12. Metrology
 13. Physical Quantities
 14. Two Parts of a Measurement
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15. SI System of Units - Base and Derived Units
 16. Scientific Notation
 17. Certain, Uncertain and Significant Digits
 18. Counting Significant Digits
 19. **IP - Counting Significant Digits and Rounding**
 20. Operation Rules - Certainty and Precision Rules
 21. **IP - Certainty and Precision Rules**
 22. Accuracy vs Precision
 23. SI Prefixes
 24. Metric Conversions
 25. Rearranging Equations
 26. **Worksheet - Conversions and Equations**
 27. Percent Error
 28. **Worksheet - Percent Error Practice Problems**
 29. Topics - SA: Basic Knowledge and Skills
 30. Summative Assessment
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*FAs

Physics 122

Wednesday, January 29/20

1. Class List/Seating Plan
 2. Prerequisite for Physics 122
 3. Course Outline
 4. Formula Sheet
 5. Classroom Expectations
 6. Classroom Procedures
 7. Fire Alarms & Lock Downs
 8. **Review Exercise - Complete for Tomorrow**
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9. Learning Targets
 10. Task Sheet
 11. Unit 1 - Section 1 -> 2D Force Problems *FAs
 12. Vector Review
 13. Negative Vectors
 14. Vector Resolution
 15. **IP - Vector Resolution and Vector Addition**
 16. Calculate a Resultant Using Perpendicular Components
 17. **IP - Vector Resolution and Vector Addition**

Science 122

Wednesday, January 29/20

1. Class List/Seating Plan
 2. Prerequisite for Science 122
 3. Course Outline
 4. Formula Sheet & Constant Sheet
 5. Classroom Expectations
 6. Classroom Procedures
 7. Fire Alarms & Lock Downs
 8. Topic 1 - Optics
 9. Electromagnetic Waves
 10. Reflection
 12. Law of Reflection
 13. Regular vs Diffuse Reflection
 14. Refraction
 15. Indices of Refraction
 16. 3 Cases - Ray Diagrams - To Be Continued
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17. Snell's Law
 18. Worksheet: Refraction

Science 10

Wednesday, January 29/20

1. Class List/Seating Plan
 2. Prerequisites for Science 10
 3. Course Outline
 4. Classroom Expectations
 5. Classroom Procedures
 6. Fire Alarms and Lock Downs
 7. **Assignment - Autobiographical Poem**
Due - Friday, Jan. 31/20
 8. Learning Targets
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9. Mindset - Video <https://safeshare.tv/x/ss5b8eecfa3a060#>
10. Unit 1 - Chemistry
11. Chemistry
12. Matter
13. Types of Properties and Examples
14. Handout - Introduction to Physical and Chemical Changes