

Physics I Honors

Heat and Thermodynamics – Calendar

Day	Classroom	Homework
1	<ul style="list-style-type: none"> • Review Momentum Test • Lesson on Temperature • Heat Mixes – Part I 	<ol style="list-style-type: none"> 1. Read 9.1, pages 298-304 2. Questions, page 322: #1-2, 4-7
2	<ul style="list-style-type: none"> • Heat Mixes – Part II • Lesson on Heat <ul style="list-style-type: none"> ✓ Sample Problems A ✓ Sample Problems B 	<ol style="list-style-type: none"> 1. Read 9.2, pages 305-312 2. Questions, page 322-323: #12-19
3	<ul style="list-style-type: none"> • Lab – Specific Heat Capacity • Lesson on Heat Capacity <ul style="list-style-type: none"> ✓ Sample Problems C 	<ol style="list-style-type: none"> 1. Read 9.3, pages 313-316 2. Questions, page 323: #20-23 3. Problems I (#1-4)
4	<ul style="list-style-type: none"> • Lab – Heat of Fusion • Lesson on Heat of Fusion and Vaporization <ul style="list-style-type: none"> ✓ Sample Problems D 	<ol style="list-style-type: none"> 1. Read 9.3, pages 317-319 2. Questions, page 323: #27-30 3. Problems II (#1-3)
5	<ul style="list-style-type: none"> • Lesson on Heat, Work, and 1st Law of Thermodynamics <ul style="list-style-type: none"> ✓ Sample Problem #10, page 360 ✓ Sample Problems E ✓ Sample Problems F 	<ol style="list-style-type: none"> 1. Read 10.1-10.2, pages 336-351 2. Questions, page 360-361: #2-4, 7-9, 11-12, 16
6	<ul style="list-style-type: none"> • Lesson on 2nd Law of Thermodynamics • Sample Problem #28, page 362 • Ice Cream Lab 	<ol style="list-style-type: none"> 1. Read 10.3, pages 352-358 2. Questions, page 361-362: #18-24 3. Study for Test
7	<ul style="list-style-type: none"> • Test on Heat and Thermodynamics • Lesson on Electric Charge 	