

<u>Date</u>	<u>Lesson</u>	<u>Target</u>	<u>HW Assignment</u>
10-Nov	8.1 Intro to Conic Sections & Parabolas	4A/4B	HW4-1 --p.639 #1,3,7-10all,11,13,15
11-Nov	8.1/8.2/8.3 Graphing Conic Sections using TI-Nspire Technology	4A/4C/4E	HW4-2 --p.640 #39,43,45, p.652 #17,19,20, p.663 #17,21,22
14-Nov	8.2/8.3 Intro Ellipses and Hyperbolas	4C/4D 4E/4F	HW 4-3 --p. 639 #4,5, p.652 #7-10all, 37,39, p.663 #7-10all,39,41
	1/2 Day Schedule		
15-Nov	8.1/8.2/8.3 Parabolas, Ellipses and Hyperbolas	4A/4B/4C 4D/4E/4F	HW4-4 --Conics Handout
16-Nov	8.2/8.3 Ellipses and Hyperbolas	4A/4C/4E	HW4-5 --p.639 #21,23,29, p.652 #23,25,31, p.663 #23,31,33
17-Nov	8.1/8.2/8.3 Graphing Conic Sections by hand	4A/4C/4E	HW4-6 --p.639 #31,33,35, p.652 #13,15,16, p.663 #11,15,16
18-Nov	8.1/8.2/8.3 Graphing Conic Sections by hand Veteran's Day Assembly (no 1st hour)	4A/4C/4E	NO Additional Homework
21-Nov	8.1/8.2/8.3 Equations of Conic Sections	4A/4B 4C/4E	Study for Conics Quiz
22-Nov	8.1/8.2/8.3 Equations of Conic Sections Conics Quiz: Graphing conics & interpreting equations of conic sections	4A/4B 4C/4E	HW4-7 --p. 639 #2,6,25,27, p.652 #1,3,5, p.663 #1,3,5
23-Nov	NO SCHOOL-Day Before Turkey Day	N/A	NO Additional Homework
24-Nov	NO SCHOOL - Turkey Day	N/A	NO Additional Homework
25-Nov	NO SCHOOL - Day After Turkey Day	N/A	NO Additional Homework
28-Nov	8.1/8.2/8.3 Understanding Graphs of Conic Sections	4B/4D/4F	HW4-8 --p.640 #53,55,56, p.653 #49,50, p.664 #51,52
29-Nov	8.1/8.2/8.3 Practical applications of conic sections	4A/4C/4E	HW4-9 --p. 640 #59,60,61, p.653 #53, p.664 #57
30-Nov	8.1/8.2/8.3 Working with conic sections written in standard form	4A/4C/4E	HW4-10 --p.640 #49,51, p.652 #45, 47, p.664 #47,49
1-Dec	8.1/8.2/8.3 Practical applications of conic sections	4A/4B/4C 4D/4E/4F	HW4-11 --p.640 #63, p.653 #54,55, p.664 #55,58
2-Dec	Unit 4 (Chapter 8) Review/LAB	N/A	HW4-12 --Unit 4 Review
5-Dec	Unit 4 (Chapter 8) Review/LAB	N/A	Study for Test!
6-Dec	Late Start Schedule Unit 4 (Chapter 8) Review/LAB	N/A	Study for Test!
7-Dec	Unit 4 (Chapter 8) Test	N/A	NO Additional Homework

Unit 4 Targets

Target 4A: Investigate the geometric properties of parabolas (vertex, focus, and directrix)

Target 4B: Derive the standard equation of a parabola and graph given two or three criteria

Target 4C: Investigate the geometric properties of ellipses (vertices, foci, major/minor axes, and pythagorean relation)

Target 4D: Derive the standard equation of an ellipse and graph given two or three criteria

Target 4E: Investigate the geometric properties of hyperbolas (vertices, foci, transverse/conjugate axes, asymptotes, and pythagorean relation)

Target 4F: Derive the standard equation of a hyperbola and graph given two or three criteria