Topic 8 Right Triangles & Trigonometry

[Calendar](#)

Section - Learning Goal	# Days	Agenda
8-1 Right Triangles and the Pythagorean Theorem I can prove the Pythagorean Theorem using similarity and establish the relationships in special right triangles.	TUE 3/8	● Video/Notes 8-1 CB pages 187-189 ● 8-1 Additional Practice (all 10)
	WED 3/9	● Notes Packet - 8-1 Day 2 ● WS 8-1 Day 2 HW
	THUR 3/10	● Live/Review 8-1 Day 3 In class- Kami ● 8-1 Day 3 HW - Kami (start #1 in class)
	FRI 3/11	CB - right side page 190 #4-8 (start with 6, 7, 8) Pre-Teach Trig Ratios 8-1 Lesson Quiz - paper only
8-2 Trigonometric Ratios I can use trigonometric ratios to find lengths and angles measures of right triangles	MON 3/14	● Notes 8-2 CB pages 191-194 - paper notes Day 1 ● 8-2 Additional Practice - find side only ● In 2023 do the HW 8-2 Day 2 WS but rename
	TUE 3/15	● Live/Review CB pages 194 - right side ● Notes 8-2 Day 2 ● Teach angle of depression & extra problem - left side ● HW 8-2 Day 2 -
	WED 3/16	● Notes 8-2 Day 3 - Exact ratios for Special Right T ● 8-2 P &PS - Savvas 　　(8.2.16, 21, 22, 30, 33, 35 38 39 40, 42) ● Packet Study Guide Topic 8 - Due Monday 3/21
	THUR 3/17	● Notes: Secant (sec), cosecant (csc) and cotangent (cot) ● Video/Notes: How to put csc sec cot in calculator ● Notes: ● HW WS 8-4 Day 4 ● Packet Study Guide Topic 8 - Due Monday 3/21
Anne Frank Movie Day	FRI 3/18	● Packet Study Guide Topic 8 - Due Monday 3/21 ● Topic 8 Topic Review-Savvas - Due Tuesday 3/22 　(I called it Topic 8A Topic Review #1, 2, 3, 5, 7, 8, 9, 10, 12, 13, 14, 30)
Review 8A (8-1 & 8-2)	MON 3/21	● Live Review Day 1 In class Topic 8A ● Grade/Review Study Guide Topic 8A ● Topic 8 Topic Review-Savvas due Tue 3/22
TEST 8A	TUE 3/22	● TEST 8A
ISA Science Test LOST DAY	WED 3/23	

TOPIC 8B

8-3 Law of Sines I can use the Law of Sines to solve problems.	THUR 3/24	● Video/Notes 8-3 CB pages 196 - 197 ● HW: 8-3 Day 1 HW Law of Sines
	FRI 3/25	● Quick Live Review CB page 198 #7, 9, & 11 ● Video/Notes 8-3 Day 2 Ambiguous Case
	MON 4/4	● Extra Day Due to Spring Break ● In Clas: ● HW: 8-3 Day 2 HW Law of Sines with SSA
8-4 Law of Cosines I can use the Law of Cosines to solve problems.	TUE 4/5	● Video/Notes 8-4 CB pages 199 - 201 ● HW: 8-4 Day 1 HW
	WED 4/6	● Teach A of any triangle. Sin of included angle ● Live Review CB page 202 right side ● 8-4 Additional Practice - Savvas (AP-1, 2, 3, 6, 7, 9) ● 8-4 Mixed Review - Savvas cut 9, 10
8-3 & 8-4 Laws	THUR 4/7	● 8-4 Day 2 In Class - in CB page 201 or 203 - assorted ?? ● 8-3 & 8-4 Law of Sines & Cosines #1, 3, 4 (from HS) ● 8-3 & 8-4 Lesson Quiz - paper only ● Start Topic 8 Topic Review - Due 4/1
8-5 Problem Solving with Trigonometry I can use trigonometry to solve problems.	MON 3-29	● Video Notes 8-5 CB pages ● 8-5 P&PS (8.5.10, 16, 18, 19, 21, 23, 25) ● Topic 8 Topic Review-Savvas due on THUR 4/1 I called it Topic 8B Topic Review (#11,15,16,17, 23, 24, 26, 27, 30, 31)
Review	TUE 3-30	● Live Review CB page 208 - Right Side ● Study Guide Topic 8B - Kami ● Topic 8B Topic Review due on Thursday
	WED 3-31	REMOTE STUDENTS - IAR TESTING ● Live Review 8-5 Lesson Quiz whole class review ● Topic 8B Topic Review due on Thursday
TEST 8B	THUR 4-1	● TEST 8B