

WEEK of 9W	DAY	UNIT NAME	UNIT NUM	LESSON ACTIVITIES and PLANS	MATERIALS NEEDED
1	MON	Research Project	TEK 8.A	(A) describe the concepts of gravitational, electromagnetic, weak nuclear, and strong nuclear forces; Introduce Research Projects	Chromebook, Notecards
1	TUES	Research Project	TEK 8.A	Students will research 4 fundamental forces and people behind each force, students will build a mobile with founding forces	Chromebook, Notecards
1	WED	Research Project	TEK 8.A		Chromebook, Notecards, string
1	THURS	Research Project	TEK 8.A		Chromebook, notecard string
1	FRI	Research Project	TEK 8.A		Chromebook
2	MON	<u>Game of Catapults</u>	TEK 9.A		(A) describe the transformational process between work, potential energy, and kinetic energy (work-energy theorem); Introduce Lesson and Constructions Project
2	TUES	<u>Game of Catapults</u>	TEK 9.A	Student Groups construct catapults in class	Clay, digital balance
2	WED	<u>Game of Catapults</u>	TEK 9.A	Completing catapult construction	
2	THURS	<u>Game of</u>	TEK 9.A	Relating Speed and Mass Data Sheet	
2	FRI				
3	MON	Research Project	TEK 8.A	Constructing Project	
3	TUES			EOC TESTING ENGLISH 1 (Non Testing student holiday)	
3	WED	Research Project		Finish Project	
3	THURS			EOC TESTING ENGLISH 2 (Nontesting student holiday)	

3	FRI	Research Project		Present Project	
4	MON	<u>Game of Catapults</u>	TEK 9.A	Altitude Data Sheet	
4	TUES	<u>Game of Catapults</u>	TEK 9.A	Force and Range Data Sheet	
4	WED	<u>Game of Catapults</u>	TEK 9.A	Game of Catapults Data Sheet	
4	THURS	<u>Game of Catapults</u>	TEK 9.A	Game of Catapults Shoot Out	
4	FRI			WEATHER DAY	
5	MON			WEATHER DAY	
5	TUES	SunEzoon Car	TEK 9. C/D	PBL-students to design and build SunEzoon Cars as well as discuss the work acted on the occurring energy transformations as the cars move. In three-minute presentations, students will demonstrate their cars and present their conclusions to interested community members or representatives of Go Green Texas. Entry video and Know / Needs to Know	
5	WED	SunEzoon Car	TEK 9. C/D		
5	THURS	SunEzoon Car	TEK 9. C/D		
5	FRI	SunEzoon Car	TEK 9.		
6	MON	SunEzoon Car	TEK 9. C/D		
6	TUES				
6	WED	SunEzoon Car	TEK 9. C/D		Race the Sun Movie
6	THURS	SunEzoon Car	TEK 9. C/D	Race the Sun Movie	
6	FRI	SunEzoon Car	TEK 9. C/D	Race the Sun Movie	
7	MON	SunEzoon Car	TEK 9. C/D	EOC TESTING - US HISTORY	

7	TUES	SunEzoon Car	TEK 9. C/D	EOC TESTING - ALGEBRA 1	
7	WED	SunEzoon Car	TEK 9. C/D	EOC TESTING - BIOLOGY	
7	THURS	SunEzoon Car	TEK 9. C/D	Create Ad for Solar Cars	
7	FRI	SunEzoon Car	TEK 9. C/D	Present Ad for Solar Cars	
8	MON	Waves	TEK 11A- 11	Introduce Wave Characteristics	
8	TUES	Waves	TEK 11A- 11	The student's mission is to select and evaluate a tsunami warning system for any coastal area in the world. Upon the completion of his or her evaluation, the student should develop scientifically sound recommendations that could be feasibly implemented to improve his or her selected tsunami warning system.	STEMScopes - Science Applied Waves of Destructions
8	WED	Waves	TEK 11A- 11		
8	THURS	Waves	TEK 11A- 11		
8	FRI	Waves	TEK 11A- 11		
9	MON	Review			Review for Exams
9	TUES	Review		Review for Exams	
9	WED			SEMESTER EXAM 7	
9	THURS			SEMESTER EXAMS 1, 2, 3	

9	FRI			SEMESTER EXAMS 4, 5, 6	
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