		UNIT PACING	GUIDE: GENE	TICS/ HEREDIT	Υ		UNIT MATERIALS LIST
	Monday	Tuesday	Wednesday	Thursday	Friday	Notes	HOUSEHOLD MATERIALS
		DNA S	TRUCTURE AND REPLICA	TION			Ziplock bags
-	1	2	3	4	5		Strawberries
WEEK 1	Exploratory Pre-Lab	Exploratory Lab	Video Instruction + Notes	Reading Article + Video Notes	Lecture Notes + Guided Practice		Coffee filters
ų į	DNA Extraction	DNA Extraction	DNA Structure	Discovery of DNA	DNA Replication		Soap
5	All materials (click here)						Salt
							Meat tenderizer
		1	PROTEIN SYNTHESIS	r			91% isopropyl alcohol
2	6	7	8	9	10		Paper cups
WEEK 2	Flex Day	Lecture Notes + Guided Practice	Video Instruction + Notes	Puppy Activity	Flex Day		Distilled water
Ň		Protein Synthesis Overview	Protein Synthesis	Protein Synthesis Application			
-		All materials (click here)					
		SMALL (DNA)	MUTATIONS		EPIGENETICS		EQUIPMENT
	11	12	13	14	15		Microscopes
¥ 3	Mutations Card Activity	Dragon Activity	Dragon Activity	Flex Day	Identical Twins Activity		Microscopes
WEEK	Types of Mutations	Mutations Application	Mutations Application	Tiex Day	Epigenetics		
3	All materials (click here)	mutations Application	indiations Application		All materials (click here)		
	EPIGENETICS	S (CONTINUED)	MEIOSIS AND	LARGE (CHROMOSOMAL	.) MUTATIONS		
4	16	17	18	19	20		
WEEK 4	Identical Twins Activity	Flex Day	Digital Activity (Peardeck)	Digital Activity (Peardeck)	Digital Activity (Peardeck)		
l ü	Epigenetics		Meiosis vs. Mitosis	Meiosis vs. Mitosis	Chromosomal Mutations		
5			All materials (click here)				
		1	HEREDITY	ŀ			
2	21	22	23	24	25		
Ř	Flex Day	Lecture Notes + Guided Practice	Guided Practice	Inquiry Activity	Inquiry Activity		
WEEK		Mendelian (Autosomal) Inheritance	Mendelian (Autosomal) Inheritance	Autosomal Pedigrees	Autosomal Pedigrees		
_		All materials (click here)					
		 	HEREDITY (CONTINUED)				
	26	27	28	29	30		
¥ 6	Inquiry Activity	Inquiry Activity	Lecture Notes + Guided Practice	-			
WEEK	Sex-linked Inheritance + Pedigree		Non-Mendelian Inheritance	Non-Mendelian Inheritance	Non-Mendelian Inheritance		
≥		-	(ADVANCED/ OPTIONAL)	(ADVANCED/ OPTIONAL)	(ADVANCED/ OPTIONAL)		
			HEREDITY (CONTINUED)				
~	31	32	33	34	35		
ž	Blood Typing Notes						
	Blood Typing Hotes	Blood Typing Exploratory Lab	Blood Typing Exploratory Lab	Flex Day	Flex Day		
N N	Non-Mendelian Inheritance	Blood Typing Exploratory Lab Non-Mendelian Inheritance	Blood Typing Exploratory Lab Non-Mendelian Inheritance	Flex Day	Flex Day		
WEEK				Flex Day	Fiex Day		
ME			Non-Mendelian Inheritance	Flex Day	Flex Day		
	Non-Mendelian Inheritance	Non-Mendelian Inheritance	Non-Mendelian Inheritance				
	Non-Mendelian Inheritance	Non-Mendelian Inheritance	Non-Mendelian Inheritance SOCRATIC SEMINAR 38	39	40		
	Non-Mendelian Inheritance	Non-Mendelian Inheritance	Non-Mendelian Inheritance				
WEEK 8 WE	Non-Mendelian Inheritance	Non-Mendelian Inheritance	Non-Mendelian Inheritance SOCRATIC SEMINAR 38	39	40		
	Non-Mendelian Inheritance	Non-Mendelian Inheritance	Non-Mendelian Inheritance SOCRATIC SEMINAR 38	39	40		
	Non-Mendelian Inheritance	Non-Mendelian Inheritance 37 Socratic Seminar Preparation	Non-Mendelian Inheritance SOCRATIC SEMINAR 38	39 Socratic Seminar Preparation	40		
WEEK 8	Non-Mendelian Inheritance	Non-Mendelian Inheritance 37 Socratic Seminar Preparation	Non-Mendelian Inheritance SOCRATIC SEMINAR 38 Socratic Seminar Preparation	39 Socratic Seminar Preparation	40		
9 WEEK 8	Non-Mendelian Inheritance 36 Socratic Seminar Preparation All materials (click here) 41	Non-Mendelian Inheritance 37 Socratic Seminar Preparation SOCRATIC 42	Non-Mendelian Inheritance SOCRATIC SEMINAR 38 Socratic Seminar Preparation SEMINAR/ ARGUMENTATI 43	39 Socratic Seminar Preparation VE ESSAY 44	40 Socratic Seminar 45		
9 WEEK 8	Non-Mendelian Inheritance 36 Socratic Seminar Preparation All materials (click here)	Non-Mendelian Inheritance 37 Socratic Seminar Preparation SOCRATIC	Non-Mendelian Inheritance SOCRATIC SEMINAR 38 Socratic Seminar Preparation SEMINAR/ ARGUMENTATI	39 Socratic Seminar Preparation VE ESSAY	40 Socratic Seminar		
WEEK 8	Non-Mendelian Inheritance 36 Socratic Seminar Preparation All materials (click here) 41	Non-Mendelian Inheritance 37 Socratic Seminar Preparation SOCRATIC 42	Non-Mendelian Inheritance SOCRATIC SEMINAR 38 Socratic Seminar Preparation SEMINAR/ ARGUMENTATI 43	39 Socratic Seminar Preparation VE ESSAY 44 Argumenative Essay	40 Socratic Seminar 45		
9 WEEK 8	Non-Mendelian Inheritance 36 Socratic Seminar Preparation All materials (click here) 41	Non-Mendelian Inheritance 37 Socratic Seminar Preparation SOCRATIC 42 Socratic Seminar	Non-Mendelian Inheritance SOCRATIC SEMINAR 38 Socratic Seminar Preparation SEMINAR/ ARGUMENTATI 43 Socratic Seminar	39 Socratic Seminar Preparation VE ESSAY 44 Argumenative Essay	40 Socratic Seminar 45		
9 WEEK 8	Non-Mendelian Inheritance 36 Socratic Seminar Preparation All materials (click here) 41	Non-Mendelian Inheritance 37 Socratic Seminar Preparation SOCRATIC 42 Socratic Seminar	Non-Mendelian Inheritance SOCRATIC SEMINAR 38 Socratic Seminar Preparation SEMINAR/ ARGUMENTATI 43 Socratic Seminar ARGUMENTATIVE ESSAY	39 Socratic Seminar Preparation VE ESSAY 44 Argumenative Essay All materials (click here)	40 Socratic Seminar 45 Argumenative Essay		
WEEK 9 WEEK 8	Non-Mendelian Inheritance 36 Socratic Seminar Preparation All materials (click here) 41	Non-Mendelian Inheritance 37 Socratic Seminar Preparation SOCRATIC 42 Socratic Seminar	Non-Mendelian Inheritance SOCRATIC SEMINAR 38 Socratic Seminar Preparation SEMINAR/ ARGUMENTATI 43 Socratic Seminar	39 Socratic Seminar Preparation VE ESSAY 44 Argumenative Essay	40 Socratic Seminar 45		
WEEK 9 WEEK 8	Non-Mendelian Inheritance 36 Socratic Seminar Preparation All materials (click here) 41 Socratic Seminar Preparation	Non-Mendelian Inheritance 37 Socratic Seminar Preparation SOCRATIC 42 Socratic Seminar	Non-Mendelian Inheritance SOCRATIC SEMINAR 38 Socratic Seminar Preparation SEMINAR/ ARGUMENTATI 43 Socratic Seminar ARGUMENTATIVE ESSAY	39 Socratic Seminar Preparation VE ESSAY 44 Argumenative Essay All materials (click here)	40 Socratic Seminar 45 Argumenative Essay		
WEEK 9 WEEK 8	Non-Mendelian Inheritance 36 Socratic Seminar Preparation All materials (click here) 41 Socratic Seminar Preparation 46	Non-Mendelian Inheritance 37 Socratic Seminar Preparation SOCRATIC 42 Socratic Seminar 47	Non-Mendelian Inheritance SOCRATIC SEMINAR 38 Socratic Seminar Preparation SEMINAR/ ARGUMENTATI 43 Socratic Seminar ARGUMENTATIVE ESSAY 48	39 Socratic Seminar Preparation VE ESSAY 44 Argumenative Essay All materials (click here) 49	40 Socratic Seminar 45 Argumenative Essay 50		
9 WEEK 8	Non-Mendelian Inheritance 36 Socratic Seminar Preparation All materials (click here) 41 Socratic Seminar Preparation 46	Non-Mendelian Inheritance 37 Socratic Seminar Preparation SOCRATIC 42 Socratic Seminar 47	Non-Mendelian Inheritance SOCRATIC SEMINAR 38 Socratic Seminar Preparation SEMINAR/ ARGUMENTATI 43 Socratic Seminar ARGUMENTATIVE ESSAY 48	39 Socratic Seminar Preparation VE ESSAY 44 Argumenative Essay All materials (click here) 49	40 Socratic Seminar 45 Argumenative Essay 50		

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