#	Evolution	T/F	Correction
	Read each statement, decide whether it is True or False based on		
	the hold word(s) If the statement is False record the correct word		
	in the corrections box		
	Darwin & Natural Selection		
D1	Evolution acts on individuals and changes their allele frequency.		
D2	Charles Darwin gathered evidence for his theory of natural selection, published in the Origin of		
	Species while sailing the world and visiting the Seychelles Islands.		
D3	Darwin's theory of natural selection sometimes is referred to as survival of the smartest.		
D4	The fuel for selection is Captain Crunch .		
D5	The fuel (see above) is generated through random mutation.		
D6	Limited resources and more being born than can survive generate competition		
D7	The favorable characteristics that aid in survival are referred to as vestigial structures .		
D8	When medium colored moths are favored by selection this form of pressure is considered		
D9	The Dodo bird failed to adapt to European's taste for chicken-like food. This resulted in their		
	inevitable adaptation .		
D10	Alfred Wallace proposed a similar theory to Darwin, which is what forced him to publish.		
D11	Kettlewell grew peppered moths in his laboratory to mark and release in the wild. He found that		
	selection favored dark colored moths in the country.		
	Evidence for Evolution & Fossil Record		
ED1	The fescil record demonstrates that as erganisms evolve they continue to get less complex over		
FNI	time		
FR2	The arm of a human wing of a bat, and flipper of a dolphin are all vestigial structures		
FR3	A couple of examples of transition forms are a horse with "extra" toes and whales with legs		
FR4	A sample of owl yomit from the Galapagos tests to have only 1/16 of its Carbon-14 (half-life		
	5730yrs) left. That indicates it is almost 46,000 years old (45,840).		
FR5	You find a fossil of a kangaroo two feet lower than a human skull in sedimentary rock. From this		
	you know that the kangaroo lived after the human specimen.		
FR6	The phylogenetic tree below shows that pine trees are most distantly related to sassafras .		
	ise e ppel a as a as a as		
	ine lack p vocad a bay avocad herim herim uutmee		
	Magnoliales		
	Pinales		
	Piperales Laurales		
	Austrobaileyales magnoliids avmndsperms		
	angiosperms		
FR7	The phylogenetic tree below shows gradualism because the changes occur slowly over time.		
	СНD1		
	-32 m Galicianserae 2		
	Neoaves W		
	Galloanserae W 🦕		
	-15m Ostrich Strick		
	-7/nt -17/nt Tinamou Z		
	-ənt C Tinamou W		
		1	

	Benulation Constinc									
DC1	All of the genes in a population are called the generation									
PG1	Tom the turkey cannot evolve, but his flock can									
PG3	Genetic drift is the result of random changes in the allele frequency of a nonulation that generally									
	occurs in small populations.									
PG4	If a huge earthquake were to split California off from the rest of the U.S. it would create a lot of									
	reproductive isolation of populations when the ocean flooded in.									
PG5	A species is any group of individuals that can interbreed and create viable offspring .									
	Verschulerer Used During the Use's									
	Vocabulary Used During the Unit Match the vocabulary word with the definition not all will be used									
1	Mutation	13	Sexual	25	Theory	101 01	A structure that shows two	snec	ies shared a	
-	matation		Isolation		meery		common ancestor.			
2	Gene pool	14	Geographic	26	Law		An explanation of somethi	nething backed up by lots of		
			Isolation				evidence.			
3	Natural	15	Fossil	27	Hypothesis		The dude that gets credit f	redit for natural selection		
	selection						even though someone else	someone else figured it out too.		
4	Charles	16	Radioactive	28	Phylogenetic		Slow and steady change ov	w and steady change over time		
	Darwin		Dating		Tree					
5	Alfred	17	Relative	29	Variation		Selective pressure that favors intermediate forms			
	Wallace		Dating				over extremes.			
6	Bernard Kettlewell	18	Carbon-14	30	Population		An educated guess about something.			
7	Limited	19	Transition	31	Species		A branching diagram that shows how species are			
	Resources		Form				related to each other.			
8	Competition	20	Vestigial	32	Gradualism		Left over instructions for parts that no longer			
			Structure				exist in the adult organism			
9	Genetic	21	Homologous	33	Punctuated		A change in the DNA of an organism, example is an albino deer.			
	Drift		Structure		Equilibrium					
10	Gene Flow	22	Embryological	34	Direction		Any trace of a once living organism.			
			Patterns		Selection					
11	extinction	23	Speciation	35	Disruptive		When two populations accumulate more and			
					Selection		more differences.			
12	Adaptation	24	Divergence	36	Stabilizing		When individuals from a normally isolated			
					Selection		population add their genes to the pool.			
	Survival of the fittest, more adapted organisms pass on						This happens when ecological races develop too			
	more of their genes.						many differences with each other.			
	Using position in rock layers or reference organisms to						A tavorable characteristic that aids in survival or			
	Len the age of	etning.	reproduction.							
	Evolution that shows little change followed by brief Has a half-life of 5730 yea						5.			
	Describes a relationship that has always been found to Happens when a species							nolo	nger able to	
	be true						nappens when a species is no longer able to			
							adapt to changes.			