Name: _		_ Table:	Period	l:			
	ychology Lecture Notes: Module						
	Behavior Genetics						
	• Studies the relative influences	of		_ influences on behavior			
	Genes						
	• The biochemical units of						
	• Many genes together make up						
	Environment						
	• Any influence, other than		, on an individ	ual's			
	• Include:						
	—The	someone i	s raised in				
	One's						
	_		group				
	Nature and Nurture Issue						
	• Nature side		passed	from parent to child.			
	• Nurture side involves all						
	• Which parts of human behavior can we attribute to nature and which can be attributed to nurture?						
	Genetics in Brief						
	Chromosomes						
	 Threadlike structures made up 	of		_			
	• pairs in each cell						
	• received from each pa	rent					
	Chromosomes						
	Deoxyribonucleic Acid (DNA)						
	• A complex						
	• Contains the genetic informati	on of each _					
	Nucleotides						
	• The four letter code to						
	• Letters A,T,C, or G are used						
	The Genetic Makeup of One Cell						
	Genome						
	• The complete		for a giv	en			
	• All the genetic material in an o	organism's					

Gene Therapy
Play "Bypass Genes" (8:09) Segment #22 from Scientific American Frontiers: Video
Collection for Introductory Psychology (2nd edition) **Answer questions 1-4**

which changes gh the for something the predisposit
whichchanges gh the for something
whichchanges
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e issues?
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nat are raised by advances in
Tiow do you leet about tills
ersial/ethical questions emergested to determine if they care? How do you feel about this
in this video segment?
in this video segment?
=

e		_ l able:	Period:		
Psyc	chology Lecture Notes: Module	3 Nature an	d Nurture in Psychology		
		Nature and Si	milarity		
	Similarities				
	 Despite our differences, hum similarities 	an beings thro	ughout the world share a number		
	Evolutionary Psychology				
	 The study of evolution of 				
	• Uses the principle of				
	Natural Selection				
	• Darwin's principle that those	traits	W		
	most likely be passed on to _				
		ndividual Diff	erences: Twin Studies		
	Identical Twins				
	• Twins who developed from a				
	• Are genetically				
	• Called		twins		
	Fraternal Twins				
	 Twins who developed from _ 				
	 Genetically no different than 				
	• Called	twins			
	Heritability				
	 The proportion of an individu (heredity) 	ual's characteri	istics that can be attributed to		
	• The degree to which traits are	e			
	Twin Studies				
	• Used to determine the				
	Data is collected from both				
	• Compare the data between _				
			havior is		
	Twin Studies				
			nction: Nature/Nurture" (10:09) Feaching Modules (2 nd edition)		

Nature and Individual Differences: Adoption Studies

Adoption Studies	
• Compare adopted children's traits with the	
 Trait similarities with the adopted parents 	s: attribute the trait
Environment Matters: Early Le	arning and Brain Development
Early Brain Development	
• Early experience is critical in	.
In later life	
Environment Matters: Pe	eer and Parent Influence
Peer Influences	
Peer influence in	is very powerful.
 Many studies suggest a peer group is corn 	related with
	·
Environment Matters	: Cultural Influences
Culture	
• Shared	
Culture is communicated from	
Norms	
Understood rules for	
• Consist of the "proper behavior"	
Individualism	
Giving priority to	over the goals of the group
• Defining one's identity inidentification	
• Tend to see people as	
Collectivism	
Giving priority to the goals	over one's
 Defining one's identity in terms of the personal attributes 	
• See people as	
 Individual needs are 	