ne	Class	Date	
kills Worksheet			
Directed Reading			
ection: The Structure of DNA			
ead each question, and v	-		
1. With what kinds of ba	cteria did Griffith inject	mice?	
		D.1	
2. What was different ab	out the S bacteria and th	ne R bacteria?	
3. Why were the heat-kil	lad S hactoria harmlass)	
3. Willy were the heat-kil	led 5 bacteria narmiess:	4	
4 Why was the mixture	of heat-killed S bacteria	and R bacteria virulent?	
was the immedie		and it suctorial virusone.	
5. What did Griffith disc	over as a result of his ex	xperiments?	
		•	
6. How did Avery discov	er that the material resp	oonsible for transformation	
in bacteria was DNA?			

	Date
d	
underlining the cor	rrect term or phrase in the
a are called [bacter	riophages / rough].
and [proteins / cell	walls].
ed to label the [DN	NA / protein] in the viruses.
	ne [DNA / protein] in the viruses.
	³² P-labeled phages infected the was found in the layer containing
he letter of the des	cription that best matches the term
a. a five-carbon	
b. type of weak bond between base pairs that holds the double helix together	ble helix together
c. four kinds and d. subunits that r	l they form specific pairs make up DNA
e. one of two pyrbase in nucleo	rimidines used as a nitrogenous otides
*	rines used as a nitrogenous base
in nucleotides g. discovered that the amount of adenine always	
equaled the amount of cytosine and that guanine always equaled cytosine	
	f nucleotides twisted around
n how the terms in ementary	each pair are related to each other.
JA structure	
	a are called [bacte and [proteins / cell ed to label the [DN was used to label the vered that after the bactive phosphorus he letter of the des a. a five-carbon b. type of weak holds the dould c. four kinds and d. subunits that in e. one of two py base in nucleof f. one of two pu in nucleotides g. discovered the equaled the arguanine always h. two strands of each other in how the terms in ementary