





Name:	Date:	Class:

Student Handout				
•		ne following: u know what viruses are?	e. Draw what comes to mind when you think of a virus	
	b. Have y	you ever been affected by a virus?		
	c. How d	did you feel?		
	d. Do you	u think viruses are bad or good?		
I.	a. Answe	eiving your assigned virus er the following: What type of virus do you have?		
	ii.	Is the virus pathogenic (dangerous)?		
	iii.	How does the virus attach to host cells?		
	iv.	Is there a specific host or cell that your	virus attaches to?	







e:	Date:	Class:
o. List of materials		
. Planning: Make a sketch o are you planning on makir	f your "wild type" virus, your modifing the virus attach to one cell and no	ed virus and the two cell membrar
. Planning: Make a sketch o are you planning on makir	f your "wild type" virus, your modifi ng the virus attach to one cell and no	ed virus and the two cell membrar ot the other?
. Planning: Make a sketch o are you planning on makir	f your "wild type" virus, your modifing the virus attach to one cell and no	ed virus and the two cell membrar of the other?
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III.		Reflection: Answer the following after completing the project. You will use this information during the presentation of the project.			
	a.	What kind of virus you are showcasing? What is the virus morphology (parts of the virus)?			
	b.	Is the virus pathogenic? How do they infect cells, which cells do they usually infect (organ, humans, animals, etc.)?			
	C.	How did you make your unmodified "wild type" virus attach to both types of cell surfaces you created?			
	d.	How is your modified version of the virus able to attach to one cell and not the other?			

Date: