**You are going to engage in an activity that will help you to understand how vaccines are made and how they work. Using the link to *“Making Vaccines”* complete the *Making Vaccine* worksheet.**

**Link to the activity:** [**http://www.pbs.org/wgbh/nova/meningitis/vaccines.html**](http://www.pbs.org/wgbh/nova/meningitis/vaccines.html)

**Complete the following questions about each vaccine included on this web page**

1. **Hepatitis B**
2. Define a subunit vaccine?
3. How is a virus subunit vaccine unique?
4. How many ways can a Hepatitis B vaccine be generated?
5. Why is there no possibility of Hepatitis B occurring through the vaccine?
6. What is another example of a subunit vaccine?
7. **Naked-DNA Vaccine for HIV**
8. What is the goal of a genetic vaccine?
9. How does a genetic vaccine work?
10. What technique is used to produce the chain reaction to generate the HIV vaccine?

Source: <http://moodle.ccsd.cc/mod/resource/view.php?id=3019>