DNA Activity Worksheet

Name______________________
Date_____________

Answer the following questions as you complete the Student Activity. Answer each in 1-2 complete sentences. The questions will also appear in the activity.

1. The world population is continuing to grow but we are running out of space to plant more crops. What are some things we can do to grow more food to feed people?
   
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2. Now that we know what agrobacterium can do, how can it be applied to our global food problem?
   
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3. What types of characteristics would it be advantageous to add to the crops?
   
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4. We want the genes we transfer into the plant to be passed on to future
generations. What part of the plant should we put the bacteria on in order
to do this?

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5. Why do we need to plant two seeds? What is the purpose of the one
without the new gene?

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6. What effect did the gene have?

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7. How else could we use this technology to help with the global food
shortage? Can you think of any other problems it could help solve?

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