Name:



Class:

Date:

**Gene Doping and the Future of Sports**

*STEP 4: ANSWER the short response questions & STEP 5: CREATE your ideal athlete*

**Step 4: Answer the short response questions**

**1.What is gene doping?**

**2. What is the difference between gene doping and gene therapy?**

**3. If the arrival of                 technology enables us to easily manipulate               , we could give athletes supra-physiological amounts of key gene products, effectively creating superhuman athletes.**

**4. Given the context provided in question 3 and information from The Science Explorer article, how would you define supra-physiological?**

**5. What are two risks associated with gene doping?**

**6. Do you think athletes will accept the risks and proceed with gene doping? Why or why not?**

**7. Do you think gene doping will be good or bad for sports? Explain why.**

**Step 5: Create your ideal athlete**

Imagine you can create an athlete for the upcoming Olympics. Customize your athlete by completing the following information and selecting his/her athletic attributes.

**ATHLETE INFORMATION**

Name (cannot be your name):

​

Gender:

​

Country:

​

Sport:

​

Body Type (Select one):

​

Tall Build & Low Strength |  Medium Build & Medium Strength |  Short build & High Strength

​

Athletic Attributes: Select one attribute from each box (next page).



1. **List your four attributes (one from each box):**
2. **Explain how you decided on your athlete’s body type and attributes.**
3. **Provide a two to three sentence description of your athlete.**