



Drugs in Sports
Topics in Science 30S
Kildonan-East Collegiate
ISPL



The following unit represents a part of the Topic in Science 30s course offered in the ISPL program. The following is an outline of the required assignments and the marks given.

Assignment One:

Using the Internet or other source outline the events and the scandal, revolving around Ben Johnson's 1988 gold medal at the Seoul Olympics. Include information about what the drug is and how would help him in the races. Approximately 150 words. Please include a list of all web sites visited. /10

Assignment Two:

Read the article entitled: "Steroids; What are they?" Answer the questions that follow the article. /10

Assignment Three:

Using the Internet or other source outline the rumors surrounding Lance Armstrong and the Tour de France. Include information about what the suspected drug was and how it would help to enhance his performance. Approximately 150 words. Please include a list of all web sites visited. /10

Assignment Four

Read the article "Another Tour de Pharmaceuticals?" Answer the questions that follow the article. /10

Assignment five

Read the article "The Awful Truth about Drugs in Sport" Answer the questions that follow the article. /10

Assignment six

You will use the knowledge that you have gained by completing the above assignments to complete a 5-paragraph magazine type article on the subject of drugs in sport.

Two suggested thesis statements follow:

1. Drugs in sports are dangerous and unethical. There is no place in fair competition for performance enhancing drugs.
2. It is impossible to police the use of drugs in sports, by allowing competitors to use drugs the best possible athletic performances will be delivered and that is what sport is all about.

Use the Frame that follows to complete your essay. /10

Total /100

Assignment Two: Steroids. What are they?

1. **What are steroids?**
2. **Doctors prescribe steroids for medical use. What medical conditions do they use anabolic steroids, and corticosteroids?**
3. **What is stacking and pyramiding?**
4. **Define an abuser.**
5. **What percentage of teens use and abuse steroids?**
6. **List and describe some common side effects from steroid abuse.**
7. **How are hormones involved in the development of teens? When steroids are abused, what can happen to this development?**
8. **How does steroid abuse effect a person's internal organs and muscles?**
9. **Knowing what you know about steroids. Describe what a person might look like after abusing steroids over a very long period of time.**
10. **What would you tell a friend who is considering taking steroids?**

Assignment Four

Questions: Another Tour de Pharmaceuticals

- 1. Why does Greg Lemond, say that bicyclist take performance enhancing drugs?**
- 2. Why would Mark McGuire use steroids? Give three reasons.**
- 3. Why would it be in Major League Baseballs best interest not to ban Steroids?**
- 4. What countries have had long histories of state run doping programs. What has happened to the athletes in these programs?**
- 5. What is EPO?**
- 6. Why does EPO benefit a cyclist more than a power lifter?**
- 7. What is Human Growth Hormone? What type of athlete would gain most from using this type of drug?**
- 8. Why might taking steroids cause knee damage?**
- 9. What suggestions are made to stop the use of steroids?**
- 10 What are some of the ways in which steroids affect the brain?**

Assignment six

You will use the knowledge that you have gained by completing the above assignments to complete a 5-paragraph magazine type article on the subject of drugs in sport.

Two suggested thesis statements follow:

1. Drugs in sports are dangerous and unethical. There is no place in fair competition for performance enhancing drugs.
2. It is impossible to police the use of drugs in sports, by allowing competitors to use drugs the best possible athletic performances will be delivered and that is what sport is all about.

Your essay should include at a minimum of 5 pictures.

Must be typed, should be presented in columns like a ~~magazine~~ ^{Dream} magazine.

An organizational frame follows

Marking Rubric

Intro paragraph:

States Thesis clearly	4 marks
Gives Brief Outline of arguments	2 marks
Transitions to next paragraph	2 marks

Paragraph Two

State first argument in favor of thesis clearly	2 marks
Use information and content about performance enhancers use to back up argument.	5 marks
Transition to next paragraph	1 mark

Paragraph Three

State first argument in favor of thesis clearly	2 marks
Use information and content about performance enhancers use to back up argument.	5 marks
Transition to next paragraph	1 mark

Paragraph Four

State first argument in favor of thesis clearly	2 marks
Use information and content about performance enhancers use to back up argument.	5 marks
Transition to next paragraph	1 mark

Conclusion

Restates thesis.	2 marks
Summarizes arguments	3 marks
Makes strong statement in conclusion	3 marks

Grammar and Spell Check 5 marks

Completion of Frame 5 marks

Paragraph four: State main argument of paragraph

Give : Reasons to back up argument

1.

2.

Transition Sentence

Conclusion: Restate thesis

Review arguments

1.

2.

3.

Conclusion statement: