Year 10 PASS
Technology, Participation and Performance

Research Task 2019

Length: 3-4 pages.

Marks / Value: 20% of yearly mark.

Date Due: Term 3 Week 8. Monday 9th September 2019.

Purpose of this assignment This task expands on the information provided in class and provides a more in-depth coverage of one aspect of the use of technology to enhance sports performance. Students will gain experience in researching, analysing and using current information for a report into a sport that they choose.

Outcomes Assessed
2.1 Discusses the nature and impact of technology and performance issues in physical activity and sport.

2.2 Analyses physical activity and sport from a developmental perspective.

4.4 Analyses and appraises information, opinions and observations to inform physical activity and sport decisions for the future of sport.

Task
Research one sport and report on the impact technology has had on the sport. Choose 4 specific areas where technology has influenced the sport. You must discuss the positive and negative aspects of this influence and the effects technology has had, and may have, on athletes and spectators.

ASSIGNMENT DETAILS

Understand the Task
Choose a sport. Research information and write a thorough report on 4 areas or ways in which technology has had an influence on that sport. Areas may include clothing, equipment, video analysis, umpiring, cameras, etc.

For each area:

- Explain what the specific technology is and its impact on the sport. You must do 4 areas of technology. (Use images and graphics to support your information.)
- Discuss the positive and negative aspects relating to the use of that type of technology.
- Make a judgement. Give your opinion on where you see the sport heading with the influence of that technology.
- Use the headings below for each aspect of technology that has influenced your chosen sport:
  1. Technology: what it is, how it works. (provide images or graphics)
  2. Positive and negative aspects. (Including Athlete, Spectator, Sponsor etc.)
  3. Opinion: How will technology impact the sport you have chosen in the future?

Include a properly written bibliography for the hand in section.
Locate Information
Use the library catalogue to find information in the library - especially the 796 shelves. Use Electric Library to find recent newspaper and journal articles. Searching the internet will be helpful. Local agencies, Department of Sport and Recreation, Australian Drug Foundation, Sports Council, etc. will also be useful.

Select and Analyse
Make notes that record relevant information from at least three information sources. Collect information in the form of text, pictures, diagrams, flow charts, statistics, tables, video, etc. as relevant.

Organise and Synthesise
Break your topic into logical parts and use headings and subheadings as suggested above to organise your information. For each part, combine the information you have selected from the different sources you used into points, so that you fully explain that part. Arrange your parts in a logical, interesting way. Make sure you have relevant diagrams, visual aids etc. for each part.

Create and Present
Write your report and include images and a comprehensive bibliography separate to the summary sheets. Give your report a professional look.

Evaluate and Reflect
A good assignment will be well researched, creative, interesting and highly informative.

Good websites for this assignment
Electric Library - Newspaper and journal database

These videos may be helpful:
https://clickv.ie/w/8jd1
https://clickv.ie/w/mcmj
https://clickv.ie/w/4cmj

SCAFFOLD

SPORT:

Technology: (What it is /how it works).

What is the impact on the sport? (Positive/negative/athlete/spectator/society).

Your opinion: (Where is the sport headed as a result of the technology).

You need to do 4 of these.
Technology, Participation and Performance Research Task

Marking Guidelines  Student name:  Sport:

Advanced  
30-40 marks
• Researched thoroughly from a wide variety of resources with relevant, current information about 4 technological developments.
• Presents a variety of positive and/or negative points for the use of each type of technology.
• Displays a thorough understanding of each technology when presenting their opinion about future directions.
• Good use of images and graphics.

Highly Competent  
20-29 marks
• Researched from a variety of resources, with relevant information about 4 technological developments.
• Presents positive and/or negative points for the use of each type of technology.
• Displays a sound understanding of each technology when presenting their opinion about future directions.
• Good use of images and graphics.

Competent  
10-19 marks
• Researched using a variety of resources, with sound information about the chosen technologies.
• Presents some positive and/or negative points for the use of each type of technology.
• Displays a basic understanding of each technology when presenting their opinion about future directions.
• Uses some images and graphics.

Developing  
0-9 marks
• Researched using few resources, with some basic, relevant information about the chosen technologies.
• Presents some positive and/or negative points for the use of each type of some/ little technology.
• Displays little to no understanding of each technology when presenting their opinion about future directions.
• Uses few or no images or graphics.

Comments:
Technology 1 /10

Technology 2 /10

Technology 3 /10

Technology 4 /10

TOTAL /40