Forest Lake State High School

Digital Technologies & Business	Year 7
Digital Technologies	Term 2
Project	Unit Two – Esports Information Systems

Student Name:	**Issue Date:** **Week 6 (Lesson 1)**
Class:	
Teacher:	**Due Date :** **Week 9 (Lesson 2)**

Extension statement:

- Extensions must be submitted to the HOD IT at least **3 days** before the final due date.
- If your assignment is not submitted on time, due to absence on the due date, you must submit on the **first day** you return to school with **written evidence** of the reason for your absence (medical certificate, etc.).
- Remember that students are expected to construct an assignment **over several weeks**. In the event of an extension, your teacher would still expect to see evidence that you have been working on the assessment (drafts, etc.).
- Please see the FLSHS Assessment Policy document on the school website for full details.

Assessment conditions:

- Development time – 4 weeks
- Minimal teacher input – draft feedback and clarification only
- Group and individual activity in teams of three

Assessment deliverables:

- Excel Spreadsheet with the required graphs and collected data
- Evaluation in the Excel document
- Screenshots of UplinkOS progress

Assessment schedule:

- End W6 L1: Students have downloaded and saved their Excel spreadsheet into their own OneDrive.
- End W8 L1: Students have collected multiple lots of racing and lap data for peers and worked through UplinkOS
- End W8 L2: Students have used all their data to begin visualising their data.
- End W9 L1: Students have begun on their evaluation paragraph and finalised their Excel Information System.
- End W9 L2: Students submit Excel spreadsheet.

Task/Purpose:

This technique assesses the development and creation of a digital product, service or solution and is the outcome of applying a range of cognitive, technical, physical, creative and/or expressive skills.

Result Summary

Knowledge & Understanding	
Processes and Production Skills	

Esports Tournaments and Data

Task 1: Collecting and Visualising Tournament Data

Who are our best Year 7 Mario Kart players? This is the question on everyone's mind. It's up to you, as the premier Esports school in the region, to compete in a Mario Kart tournament and crown the next Mario Kart champion!

To complete this task you must:

- Record your classmates' places during their Mario Kart races for Lap 1, 2 and 3. Place these in Excel.
- Generate a graph to show the overall winners in your class based on the consistency of their racing. Players who maintain first place for all three laps rank higher than those who only come first in one of the laps. Graph should include axis labels and titles.
- Generate a line graph to show the progress of the race you were involved in (showing place-changes over the 3 laps). Graph should include axis labels and titles.
- Evaluate the Excel spreadsheet as an information system for storing tournament data in comparison to a paper-based system. Use the Flake Writing Compare and Contrast paragraph style and a power sentence.

Task 2: Understanding Networks

- Work through as many missions as you can of the game UplinkOS in the time provided in class. This will test your network knowledge and computer skills! Take a screenshot of your profile (ranking) and bank and place in your Excel before the due date.

Submission: Online Excel

To submit your task, you must share your online Excel document with your teacher using the share function in OneDrive.

Assessment Item: Unit 2 – Esports   Student Name:

Standard	Knowledge and Understanding		Processes and Production Skills
	The student's work has the following characteristics:		
A	Comprehensive distinction between different types of networks and defined purposes.	Purposeful evaluation of information systems and their solutions in terms of meeting needs, innovation, and sustainability	Purposeful analysis and evaluation of data from a range of sources to model and create solutions.
B	Detailed distinction between different types of networks and defined purposes.	Effective evaluation of information systems and their solutions in terms of meeting needs, innovation, and sustainability	Effective analysis and evaluation of data from a range of sources to model and create solutions.
C	Distinguish between different types of networks and defined purposes.	Evaluate information systems and their solutions in terms of meeting needs, innovation, and sustainability.	Analyse and evaluate data from a range of sources to model and create solutions.
D	Distinguish between different types of networks.	Partial evaluation of information systems and their solutions in terms of meeting needs, innovation, and sustainability	Partial analysis and evaluation of data from a range of sources to model and create solutions.
E	Distinguish a network.	Fragmented evaluation of information systems and their solutions in terms of meeting needs, innovation, and sustainability	Fragmented analysis and evaluation of data from a range of sources to model and create solutions.

Comment: