Full name: _____

Teacher: _____ Due date: _____

Year 10
Assignment 1
2020

Outcomes Assessed

Working Mathematically

- **MA5.1-2WM** selects and uses appropriate strategies to solve problems

- **MA4-19SP** collects, represents and interprets single sets of data, using appropriate statistical displays

- **MA5.1-4NA** solves financial problems involving earning, spending and investing money

- **MA5.1-8MG** calculates the areas of composite shapes, and the surface areas of rectangular and triangular prisms

- **MA5.2-12MG** applies formulas to calculate the volumes of composite solids composed of right prisms and cylinders

Cross Curricular:

- EN5-1A responds to and composes increasingly sophisticated and sustained texts for understanding, interpretation, critical analysis, imaginative expression and pleasure

- GE5-2 explains processes and influences that form and transform places and environments.

- PD5-5 appraises and justifies choices of actions when solving complex movement challenges.

Content Assessed
Refer to the attached assignment booklet and instructions. All activities are based around a number of Mathematics Units which relate to the Commonwealth Games. Each student is to complete activities of their choosing, but must total at least 25 - 35 marks depending on class.

Weighting	**15%**	**Due:** This assignment is due to your classroom teacher 2 weeks from the date received (due in Week 7).

Gardner's Multiple Intelligences and Revised Blooms Taxonomy

This assignment has been designed to give all students an opportunity to best demonstrate their ability in Mathematics. Students can choose from tasks aligned to the different categories of Gardner's Multiple intelligences. The tasks are also aligned to the Revised Bloom's Taxonomy - a multi-tiered model of classifying thinking according to six cognitive levels of complexity. Thus, students can choose tasks according to their preferred modes of learning, or try different styles of learning. Students are also able to revise and explore key concepts of this unit by completing lower-order tasks and then challenge themselves to develop their understanding and skills by completing higher-order tasks.

Instructions
You do not have to answer all the questions!

Each box in the Task Grid (on the next page) is a task.
1. 10MA1 and 10MA2 must include 2 tasks from each of the *creating* and *evaluating* columns as part of their 35 marks.
2. 10MA3 and 10MA4 must include 1 task from each of the *creating* and *evaluating* columns as part of their 30 marks.
3. 10MA5, 10MA6, 10MA7 and 10MA8 must complete a total of 25 marks.
4. Complete the tasks on a separate sheet of A4 paper and/or USB according to the specific task instructions.
5. Please highlight the completed tasks on the attached task grid.
6. The assignment must be submitted in a folder with clear plastic sleeves in numerical order.

Marking

Marks are awarded based on the difficulty and amount of work required to complete each task. All activities have the amount of marks indicated. All working is required for full marks.

Task Grid

Multiple Intelligences	Blooms Taxonomy					
	Knowing	**Understanding**	**Applying**	**Analysing**	**Creating**	**Evaluating**
Verbal/Linguistic I enjoy reading, writing & speaking	1. Sports List **1 mark**	2. Sports Bag **3 marks**	3. Record Comparison **3 marks**	4. Sustainability **4 marks**	5. School Magazine **5 marks**	6. Pros and Cons **5 marks**
Logical/Mathematical I enjoy working with numbers & science	7. Olympic Population **3 marks**	8. Compare and contrast **4 marks**	9. Ticketing **6 marks**	10. Economy of Tokyo **5 marks**	11. Olympic Coffee Shop **5 marks**	12. Who's Faster? **6 marks**
Visual/Spatial I enjoy painting, drawing & visualising	13. Queen's Baton Design **2 marks**	14. Sport Results **5 marks**	15. Medal Prediction **4 marks**	16. Aquatic Centre **6 marks**	17. Diving Pool Design **6 marks**	18. David and Goliath **4 marks**
Bodily/ Kinaesthetic I enjoy doing hands on activities, sports & dance	19. Athletics **3 marks**	20. Reaction Time Online Test **2 marks**	21. Olympic Games Program **3 marks**	22. Make Your Own Shot Put **4 marks**	23. Sport Commercial **5 marks**	24. Body Statistics **4 marks**
Technology I enjoy using computers	25. Opening Ceremony **2 marks**	26. Race Prediction **2 marks**	27. Olympic Values **2 marks**	28. Up up and away… **5 marks**	29. Create a Kahoot **4 marks**	30. Let's make it better!! **3 marks**

Verbal / Linguistic

I enjoy reading, writing and speaking.

1) Sports List (1 mark)

List ten sports that are included in the 2020 Olympic Games.

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
1	All sports listed
1/2	1 or 2 sports missing

2) Sports Bag (3 marks)

Lisa saw a sports bag she liked for $45. The store she was buying it from had a 30% discount storewide.
a) How much did she save?
b) How much did she pay for the bag?
c) If Lisa was buying one bag for each of the 11 players of the Commonwealth Games netball team, how much would it cost?

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
3	1 mark for part a, 1 mark for part b, 1 mark for part c

3) Record Comparison (3marks)

The current women's 100 metre running World Record is 10.49 seconds by American Florence Griffith-Joyner set in 1988. The Australian Record for the same event is 11.11 seconds by Melissa Breen set in 2014. Using full sentences, answer the below questions.

What is the difference between these times?
Are there any factors that may explain the time difference and why the World Record has not been broken?

Marking	
3	1 mark for correct difference. 1 mark for factors listed. 1 mark for literacy (punctuation and grammar)

4) Sustainability (4 marks)

The Sustainability Concept of the Tokyo 2020 Games
Be better, together
For the planet and the people

      Tokyo 2020 sets the sustainability concept of the game as "Be better, together – For the planet and the people." They aim to contribute to the sustainability goals for the present and the future generations. They are also making sure that the sustainability concepts and the legacies are passed on to the future Olympic/Paralympics Games throughout Japan and the world.

Click onto the link below and list any TWELVE ways and ideas you can apply to contribute towards sustainability and greener environment.

https://tokyo2020.org/en/games/sustainability/sus-spectators

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
4	1 mark per three strategies or ideas

5) School Magazine(5 marks)

Your class is going to write and produce a magazine for the students of OHS. You want this to be a popular magazine about the upcoming Olympic Games, so you must find out what kind of magazine the students would like.

1. What information do you need to know?
2. Design a questionnaire to gather information.
3. Decide who will fill in the questionnaire. Explain your choice.
4. Collect your data.
5. Organise your data so you can present it clearly.
6. <u>Present the results of your survey on a PowerPoint</u> and explain what kind of magazine you think the class should design. This should be in written form.

Do not actually produce a magazine, this is about gathering information and data collection.

Some additional hints:
1. Identify factors influencing the popularity of a product and suggest information to collect and obtain information on these factors.
2. Design a questionnaire to obtain information.
3. Identify suitable methods of sampling.
4. Accurately collect and record data.
5. Sort, sequence and classify data.
6. Represent data in tables, pie charts and bar graphs with multiple scales.
7. Describe data in words.
8. Make suggestions based on results of survey.

<u>Hand in PowerPoint on a USB.</u>

Marking	
5	2 marks for questions 1,2,3 and 4. 1 mark for complete PowerPoint. 1 mark for the organisation of data. 1 mark for the presentation.

6) Pros and Cons(5 marks)

Due to the outbreak of the Coronavirus, there is a possibility that 2020 Tokyo Olympics will be moved to London. Read the following article: http://bit.ly/32dez91

a) Create a table listing the potential pros and cons of moving the Olympic Games.
b) Choose two pros and find mathematical evidence to support each statement.
c) Choose two cons and find mathematical evidence to support each statement.
d) Considering the above information, justify with a minimum of three paragraphs and mathematical evidence. Should Orange host the next Olympic Games?

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
5	1 mark each for part a, b and c. 2 marks for part d or 1 mark for no mathematical evidence in part d.

Logical / Mathematical

I enjoy working with numbers and science

7) Olympic Population (3 marks)

Research and answer the following questions:
a) How many countries participate in the Olympics?
b) What is the total population that are participating?
c) What is the total population of Japan? What is the percentage compared to the total population participating?
d) List 5 countries included in the Olympics?
e) How many athletes are participating from each country in Part d)?
f) Display your data from Part E in a Bar Graph.

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
3	½ mark for each question answered correctly

8) Compare and Contrast(4 marks)

Olympic Games vs Para-Olympic Games
Fill in the table below, answering for the Tokyo 2020 games.

	Olympic Games	Olympic Para-Games
Number of Countries		
Number of Participants		
Number of Sports		
Number of Gold Medals		

a) Are there any similarities or differences presented in the above table? What are they?
b) Choose one sport event that is included in both games, (For example: Athletics – 100m Sprint). What is the total number of athletes representing Australia in each games for this event? Is the number the same? Why or why not?
c) What are the Olympic records for the 100m Sprint for both games? Compare and Contrast the times in a short paragraph using data to support your answer.

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
4	1 mark for correctly filling in the table.1 mark for questions a, b and c. Clear comparisons and contrasts should be made for each.

9) Ticketing (6 marks)

https://olympic2020tickets.com/buy-olympic-games-tickets/

You are in charge of planning and organising 3 groups going to the Olympic Games 2020. Your job to is to purchase the following groups tickets while following their guidelines. Display your answers in a daily journal format, showing the following information: Sport, Time, Cost per ticket and ticket category. Please be flexible with your budget by over or under $100.

GROUP 1 – Family of three: 2 x Adults and 1 x Child (age 13)
- Budget: $650
- Family going on a budget. Would like to see at least 3 different sports.
- Would prefer tickets to be sent be Secure Mail (if applicable).
- Wants a day in between each sport to shop for souvenirs and gifts.

GROUP 2 – Young Couple: 2 x Adults
- Budget: $500
- Sports enthusiasts and wants to see as many sports as possible.
- Wants tickets to the closing ceremony.
- Only wants to view one sport each day.

GROUP 3 – Family of four: 1 x Adult, 3 x Children (ages 8, 10 & 18)
- Budget: $840
- Short family holiday.
- Want to go to 4 different sports.
- Prefer sports played by Individual Athletes, however the youngest wants to go to one team event and sit in the best category of seats.

<u>Attach your answers on separate A4 paper in your plastic sleeve and folder.</u>

Marking	
6	1 mark for each group if three criteria are met
	2 marks for each group if all criteria is met

10) Economy of Tokyo (5marks)

https://thediplomat.com/2020/02/what-would-it-cost-to-cancel-the-tokyo-olympics/

Answer the following questions in relation to the anticipated economy of the Tokyo Olympic games.

a) List 5 expenditures made before the beginning of the games.
b) Choose one sporting facility and provide the following information: budget, upgrades and further development required.
c) What are the anticipated forms of income from the games? Are they expected to succeed the current expenditures?
d) What are three benefits of holding the Olympic Games for Tokyo? Briefly explain each answer.
e) Estimate how many jobs will the Olympic Games create?

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
5	1 mark for each question answered correctly

11) Olympic Coffee Shop (5 marks)

Design a menu for the Olympic Coffee Shop. Take into consideration all of the potential customers from different countries.

a) List any 4 countries competing.
b) Design your menu with traditional foods from these countries. Include an entrée, main and dessert menu for each of the 4 countries.

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
1	List of the four countries.
4	1 mark per menu created with clear links to the 4 countries chosen.

12) Who's faster: Triathlete or Swimmer, Cyclist and Runner? (6 marks)

The distance of a triathlon at the Olympic Games is called the Olympic distance. This is due to the lengths being equal to the longer individual events of each distance: 1500m (longest pool swim), 40km (individual time trial cycle) & 10km (longest track event).

Investigate the times, distances and course of the gold medallists of the male athletes at the 2016 Olympics Games for the following events: Triathlon (include swim, cycle and run splits), 1500m Freestyle, Individual Road Time Trial and 10km Track event. Answer the following questions.

a)   Collect the data and represent it in table.

b)   Calculate the speed of the slowest event or leg in m/s

c)   Calculate the speed of the fastest event or leg in m/s

d)   If the triathlon gold medallist raced the other three gold medallists as a triathlon team, who

would win and by how much?

e)   Describe the race between the individual and team triathlon, using statistics describing position

and time difference at various points of the race. Use ONE diagram or graph to illustrate the race.

f)   Make suggestions based on your results. Consider what adjustments you could make to ensure

the race equality. Are there any variables that have not been considered.

Attach your answers on separate A4 paper in your plastic sleeve and folder.

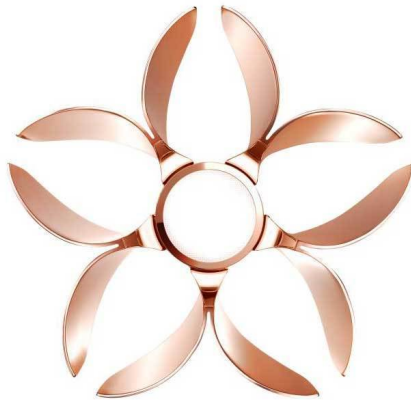| Marking	
6	3 marks for answering a), b) and c) (1 mark deduction for incorrect working or no working out shown) 1 mark each for d), e) and f)

Visual/Spatial

I enjoy painting, drawing and visualising

13) Queen's Baton Design (2 marks)

Your task is to design a new Olympic Torch. The current design is shown below.
Draw your new design, either by hand or computer generated, on an A4 piece of paper, showing all dimensions.

Attach your answers on separate A4 paper in your plastic sleeve and folder

Marking	
2	1 mark for design. 1 mark for dimensions.

14) Sport Results (5 marks)

Judy Jabber and Theresa Thrower are two javelin competitors, vying for a position on the Olympic team. Their last results were a dead heat. The committee is going to compare their last fifty-one throws to decide.

a) Using the results table on the next page
   Find for both competitors:
      i) The mean
      ii) The median
      iii) The mode
      iv) The range

b) Who would you select, Judy Jabber or Theresa Thrower? Justify your response.

   <u>Attach your answers on separate A4 paper in your plastic sleeve and folder</u>

Marking	
5	4 marks for part a correct answers (1 each)
	1 mark for part b – (1/2 for selection, 1/2 for justification)

Table of last 51 Throw Results for Judy and Theresa.
All values in metres.

Judy Jabber	Theresa Thrower
64.2	59.0
64.1	60.1
58.1	55.4
55.3	55.1
55.5	55.1
62.1	57.0
58.1	64.0
64.7	60.4
56.6	56.3
55.6	56.3
61.7	60.6
61.2	57.1
10.0	59.9
55.5	59.1
56.9	56.5
64.5	64.2
60.5	64.8
59.7	56.2
60.9	57.6
63.2	59.1
58.6	55.7
57.6	55.2
61.9	59.8
61.0	61.2
56.3	58.6
58.3	60.5
60.0	58.4
55.3	55.1
64.3	60.0
56.0	56.1
59.1	56.5
62.3	63.5
56.9	59.9
55.4	55.9
60.1	56.2
61.4	62.9
63.6	63.5
57.0	56.3
58.9	58.1
62.3	60.0
55.1	62.2
62.6	58.0
62.7	57.8
61.8	56.1
58.3	61.8
64.8	58.5
56.6	60.4
58.2	60.5
55.9	63.3
61.1	59.4
56.8	60.0

15) Medal Prediction (4 marks)

Below is a table of past results for the last 18 Olympic Games. Using this data, make a prediction on the number of medals Australia could receive in 2020.

Year	Australian Total Medal Tally
1948	13
1952	11
1956	35
1960	22
1964	18
1968	17
1972	17
1976	5
1980	9
1984	24
1988	14
1992	27
1996	41
2000	58
2004	49
2008	46
2012	35
2016	29

a) Produce a line graph (either by hand or in excel) for the data above
b) Does a relationship exist? If so, describe the relationship.
c) Predict the outcome for the Tokyo Games.

Attach your answers on separate A4 paper in your plastic sleeve and folder

Marking	
4	1 mark for correct line graph. 1 mark for reasonable answer. 1 mark for description of relationship. 1 mark for prediction.

16) Aquatic Centre (6 marks)

The 50 metre swimming pool at the Tokyo, luckily meets all the standards, but needs to be refurbished before competition can begin.

The pool has 10 lanes, each 2.5m wide. The depth throughout the pool is 2m. Also a shade structure for the athletes' waiting zone is required.
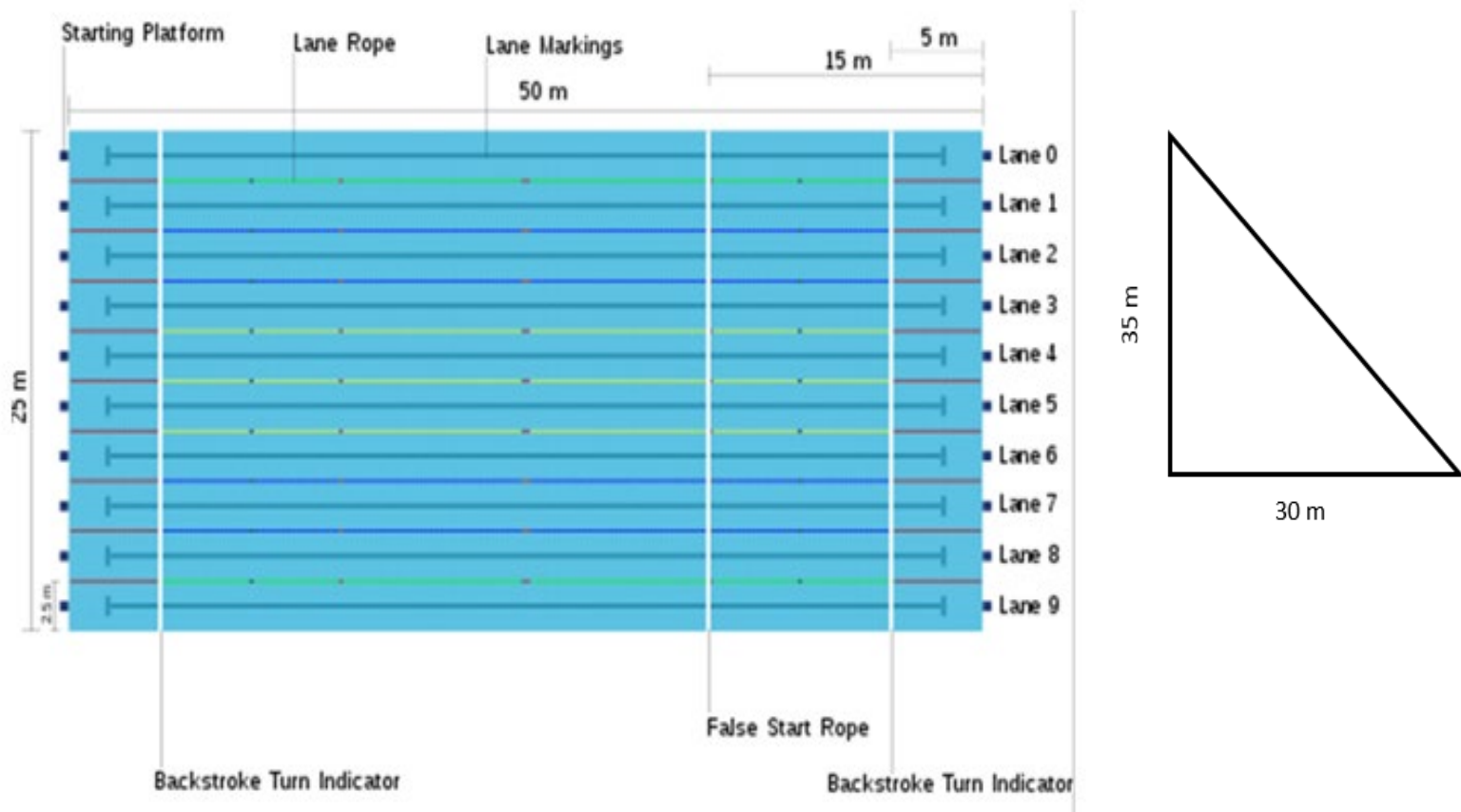
a) If the inner surface of the pool needs to be painted, what is the area that needs to be covered?
b) Calculate the volume of the pool in litres.
c) Calculate the area of the shade sail.
d) Compare the area of the shade sail to the surface area of the pool. Write your answer in full sentences using correct punctuation and grammar.

Attach your answers on separate A4 paper in your plastic sleeve and folder

Marking
2 marks for correct surface area of pool showing working. 1 mark for correct calculation of volume showing working. 1 mark for correct calculation of area of shade sail showing working. 1 mark for comparison 1 mark for literacy – punctuation and grammar

17) Diving Pool Design (6 marks)

The Diving pool needs to be deep enough to allow someone to safely dive from a 10m diving board. The cross sectional view of the diving pool is a trapezium as shown below. Two sides of the pool have a $10°$ incline.
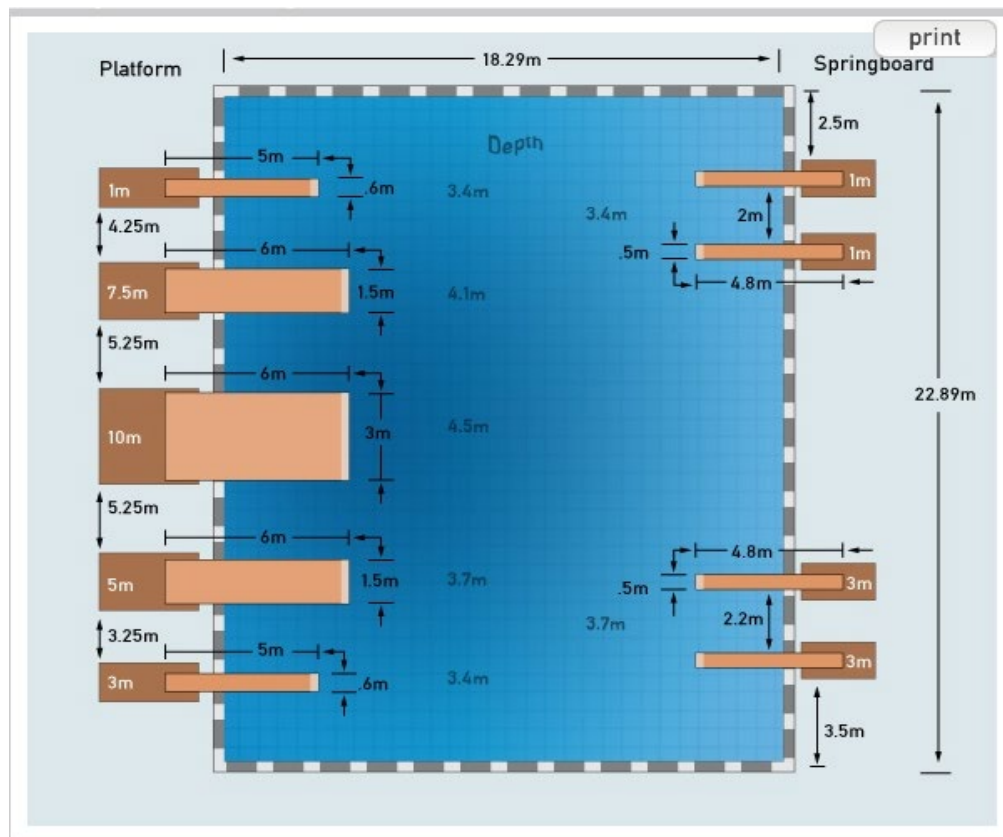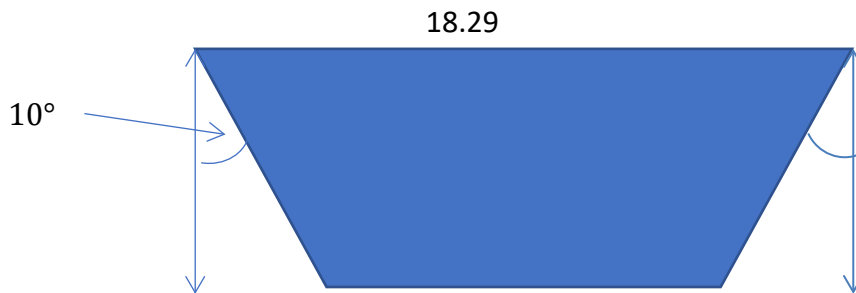
a) Using trigonometry and/or other methods, find the missing lengths of the trapezium shown above.
b) Calculate the volume of the diving pool in litres.
c) Create a new diving pool design, either hand drawn or computer generated, showing all dimensions of the pool and the diving boards.

<u>Attach your answers on separate A4 paper in your plastic sleeve and folder</u>

Marking	
6	2 marks correct missing side lengths. 2 marks correct volume of diving pool. 2 marks for design of pool and diving boards with all dimensions.

18) David and Goliath (4 marks)

In the tables below are some of the top performing shot putters of all time, their weight in kilograms, and the distance they threw in metres.

Look at the two data sets.
   a)   Do any results stand out? List these results.

   b) It is suggested that heavier competitors are at an advantage in the shot put. Does the data support that claim and why?

   c) What would be the effect on the competition if we introduce weight categories (like those found in boxing or weightlifting), or giving lighter shots to lighter competitors? Include at least 3 effects it would make on the results.

Men's shot put:

Name	Weight (kg)	Distance (m)
Randy Barnes	137	23.12
Ulf Timmermann	118	23.06
Alessandro Andrei	118	22.91
Werner Günthör	130	22.75
Kevin Toth	144	22.67
Udo Beyer	135	22.64
John Brenner	127	22.52
Adam Nelson	115	22.51
Reese Hoffa	133	22.43
Sergey Smirnov	126	22.24
John Godina	129	22.20
Sergey Gavryushin	95	22.10
Sergey Kasnauskas	126	22.09
Aleksandr Baryshnikov	130	22.00
Gregg Tafralis	132	21.98
Mikhail Kostin	120	21.96
Tomasz Majewski	132	21.95
Remigius Machura	118	21.93
Cottrell J. Hunter	135	21.87
Mike Stulce	122	21.82

Women's Shot Put:

Name	Weight (kg)	Distance (m)
Natalya Lisovskaya	105	22.63
Ilona Briesenick	95	22.45
Helena Fibingerová	95	22.32
Claudia Losch	84	22.19
Meisu Li	92	21.76
Natalya Akhrimenko	90	21.73
Vita Pavlysh	90	21.69
Xinmei Sui	90	21.66
Verzhinia Veselinova	95	21.61
Margitta Pufe	90	21.58
Ines Müller	90	21.57
Nunu Abashidze	105	21.53
Zhihong Huang	100	21.52
Larisa Peleshenko	95	21.46
Heike Hartwig	95	21.31
Liane Schmuhl	90	21.27
Astrid Kumbernuss	90	21.22
Kathrin Neimke	90	21.21
Helma Knorscheidt	90	21.19
Heidi Krieger	95	21.10

<u>Attach your answers on separate A4 paper in your plastic sleeve and folder.</u>

Marking	
4	1 mark for part a 1 mark for part b (1/2 for answer, 1/2 for reasoning) 2 marks for part c

Bodily / Kinaesthetic

I enjoy doing hands on activities, sports & dance

19) Athletics (3 marks)

Draw an Athletics track on an A4 sheet of paper labelling the dimensions correct to the Olympic Standards.

Ensure your diagram is neat and includes the correct number of lanes.

Accurately mark the start lines for all track events (Hint: there are 12 events).

Clearly label each start line with the event name and how many laps required to finish (for relays just mark the start of the race and total laps combined).

<u>Attach your answers on separate A4 paper in your plastic sleeve and folder.</u>

Marking	
3	1 mark for neat diagram. 1 mark for correctly labelling all 12 start lines. (1/2 mark for 6 or more correct). 1 mark for correctly listing the lap count for each event. (1/2 mark for 6 or more correct)

20) Reaction Time Online Test (2 marks)

Measure your reaction time. Go to www.topendsports.com/testing/reaction-timer.htm

Follow the instructions and complete in the space provided.

Press START
Press STOP when the colour changes.
Record your first response time: _____

Change hands: Record your first response time: _____

Which hand had the smallest response time? Why? _____

Practise 20 times with your preferred hand first. Record the 21st attempt. _____

Was your response time quicker than the very first time? _____

Record the following times with your preferred hand:
Before School_____
After School _____
After Dinner_____
What did you notice about your response times and why? _____

_____

_____

_____

Ask a parent or an adult to do the reaction time for the first response. Record the time. Was it faster or slower than your first time and why do you think this is?

_____

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
2	All 10 questions answered with correct reasoning
1	6 or more questions answered with correct reasoning

21) Olympic Games Program (3 marks)

The following sports are provisional sports that can be will be included into 2024 Olympic Games but have to follow the Olympic Games Federation guidelines.

- - Surfing
- - Skateboarding
- - Sport climbing

Choose one of the above sports and display various reasons why this sport should be included into the 2020 Tokyo Olympic Games. Consider the following when justifying your answer:

- Prevalence of the sport in Australia and the world.
- Does it have an international federation?
- Where would it be played?
- What extra facilities would be needed?
- Why is this an excellent inclusion?
- Use calculations to support your answer.

<u>Attach your answers on separate A4 paper in your plastic sleeve and folder.</u>

Marking	
3	2 marks for 5 or more correct applications to the successful inclusion. 1 mark for 3 correct or appropriate applications.

22) Make Your Own Shot Put (4 marks)

Conduct the following the experiment:

Step 1: Research the weights and dimensions used for the Men's and Women's Shot Put at the Commonwealth Games.

Step 2: Create 5 different shot puts using different materials. Materials can be a simple as paper or playdoh.

Step 3: From the same position, throw each shot put 3 times (using the correct technique: https://www.youtube.com/watch?v=tHVMufMECPo). Record the distance of each throw in a table. For example:

Shot Put No.	Material	Weight (kg)	Trial Number	Distance (m)	Comment

Step 4: Draw a scatter graph, using Distance (m) as the y-axis and Weight (kg) as the x-axis. Use a different colour for each different shot put including a legend for identification on the plane type and shot put material.

Step5: Analyse the data by answering the following question.

Which shot put was the most effective in terms of distance and reliability? Use calculations to support your answer. Consider and comment on the each shot put's size, weight, shape and general construction.

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
4	1 mark for the completion of the experiment and table. 1 mark for scatter graph with correct plots. 1 mark for correct answer to question. 1 mark for correct and relevant calculations to support their answer.

23) Sport Commercial (5 marks)

Using the following YouTube clip as a guide:

https://www.youtube.com/watch?v=HOiH1eVCggw

Students are to create a commercial to promote a sporting movement or action from a Olympic Games sport. Students are required to address the following criteria in their film:

- The commercial must last 2-3 minutes.
- The student must demonstrate the action/movement on film and describe the movement using relevant calculations, such as speed, distance or angle of movement.
- Compare and contrast the movement to that of a Olympic Games athlete.
- The commercial must have a logical sequence (beginning middle and end) and appropriate features (visual and sound).

Hand your film in on a USB.

Marking	
2	1 mark for appropriate length 1 mark for logical sequence and appropriate features
2	1 mark for at least 3 featured calculations for the movement or 2 marks for 3 or more features
1	1 mark for an accurate comparison between elite athlete and student athlete.

24) Body Statistics (4 marks)

Sports have many required skills and most team sports have numerous positions that require different skills. The same can be said for body shape and size.

Part 1: Research the body measurements, height and weight, of 10 Olympic Games athletes.

Each athlete should be of the same gender and should not play a similar position. For example, selecting the statistics of both the left and right wings for rugby league and/or selecting a goal defence and goal keeper in netball.

Part 2: Analyse the data by answering the following questions: Are there any relationships between athletes' body shape and the required skills of that sport? Are any of the relationships common to multiple sports? Provide a brief description of 4 relationships.

Part 3: Add an average person's size and weight (this can be your own). How does this compare to the professional athletes?

<u>Attach your answers in your plastic folder</u>

Marking	
4	**Part 1:** 1 mark for the pictograph. **Part 2:** 2 marks. ½ mark for each relationship. **Part 3:** 1 mark for a correct comparison.

Technology
I enjoy using computers

25) Opening Ceremony (2 marks)

Find some of the music used in different Olympic Games Opening Ceremonies from a variety of years. List the songs you listened to and write about the one that was your favourite.

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
2	1 mark for listing songs 1 mark for summarising favourite song

26) Race Prediction (2 marks)

Watch a clip of an Olympic event. Predict who will come first and last. Compare your predictions after watching the event.

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
2	1 mark or predictions 1 mark for comparison

27) Olympic Values (2 marks)

Find four stories from newspapers, TV or the internet that illustrate the Olympic Games Values. Summarise the core values in dot points. Make sure you include copies of the four stories on separate sheets of paper. Research the values on the internet.

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
2	1 mark for finding 4 stories and including copies 1 mark for summarising in dot points

28) Up up and away... (5 marks)

You are to plan an itinerary based on analysing data from the internet.

You live overseas and are going on a holiday to the Japan for 15 to 21 days to watch the Olympic Games. You will be flying return from your countries capital city.

You will be choosing your own starting point, booking your own flights and accommodation. You have $15 000 to spend on the entire holiday which includes flights, accommodation and spending money.

If you wish you can bring a friend, but you are paying for them out of your budget! So be frugal.

You will use the internet to source flight details and accommodation. You will also need to read and analyse maps of places around Japan, including the Tokyo, of where you intend to visit. You will need to record how much money you think you will spend each day as well as the cost of accommodation for each night.

You can use any mode of transportation after your initial destination as long as it is in your budget and on your itinerary. You can visit multiple states, cities or countries. Ensure that you have the correct time zones for different states and countries. You can go on a tour, be sure to show a map of where you are going.

Sample itineraries

Travel Itinerary

Flight / Rail / Rental / Hotel / Event   For Printing / Handwritten Use

Prepared For: _____   **Event or Purpose**: _____
Departing: _____   **Returning**: _____

Notes:

Leg 1

Depart From: _____   To: _____   Flight # / Train # _____

Airline or Carrier: _____   Gate and/or Terminal _____

Check-in Time: _____   Depart Time: _____   Arrival Time: _____

Transfer Y/N _____

Leg 2

Depart From: _____   To: _____   Flight # / Train # _____

Airline or Carrier: _____   Gate and/or Terminal _____

Check-in Time: _____   Depart Time: _____   Arrival Time: _____

Transfer Y/N _____

Leg 3

Depart From: _____   To: _____   Flight # / Train # _____

Airline or Carrier: _____   Gate and/or Terminal _____

Check-in Time: _____   Depart Time: _____   Arrival Time: _____

Vehicle Rental:

Rental Company: _____   Class or Model: _____   Reservation #: _____

Pick-up Date: _____   Time: _____   Drop-off Date: _____   Time: _____

Beginning Mileage: _____   Ending Mileage: _____   Fuel Expense $$:_____

Hotel / Accommodations:

Hotel Name: _____   Hotel Address: _____   Phone#: _____

Reservation Number: _____

Check-in Date: _____   # of Nights: _____   Check out Date: _____   Time: _____

Attach your answers on separate A4 paper in your plastic sleeve and folder.

Marking	
5	1 mark for the cost of flights and flight details. 1 mark for accommodation costs, details and daily spending. 2 marks for itinerary/tour 1 mark for presentation

29) Create a Kahoot (4 marks)

Create a Kahoot based on the Olympic Games. The Kahoot must include:

- a minimum of 20 questions
- last 10 minutes playing time
- have a range of comprehensive questions (interesting facts, sports and venues)

Submit a screenshot/s of the outline of the Kahoot including the answers and place in your plastic folder.

Marking	
4	Kahoot contains a variety of challenging questions and all answers are correct.
3	Contains some challenging questions and there are less than 5 errors.
2	Consists of at least 15 questions. There are 5 or more incorrect answers.
1	Creates a Kahoot with 5-15 questions.

30) Let's make it better!! (3 marks)

Find an advertisement for The Tokyo 2020 Olympic Games.
Screenshot one page and paste the content on A4 paper.
Evaluate:
  a) The purpose of the advertisement.
  b) The features in the advertisement that highlight the theme of the games.
  c) Add another feature to make the advertisement better.
     For example, a symbol, colour or pattern.

<u>Attach your answers on separate A4 paper in your plastic sleeve and folder.</u>

Marking	
3	1 mark each for a), b) and c)

Overall Feedback and Comments