

SIT190 - PAGE - WEEK 1 - ONTRACK ASSESSMENT

TRIMESTER 1, 2024

TASK 1: GIVE-IT-A-GO AND GIVE-IT-A-GO-AGAIN

The purpose of the Give-it-a-go and Give-it-a-go-again quizzes is to help you identify what you have understood and to identify any areas that you need further help in. This task is about reflecting on those attempts and acting on them to achieve your learning goals.

You must attempt all questions and achieve at least 60% in the Give-it-a-go-again quiz.

Usually we would expect an improvement in the Give-it-a-go-again quiz compared to the Give-it-a-go quiz.

- (1) Attempt the Give-it-a-go quiz early in the week. Take a screenshot of the results.

Note: your screenshot should include the summary of results including the session ID. See Figure 1.

- (2) Review your quiz results.
 - (a) If you did not achieve full marks, identify a question that you need answered in order to understand the material.
 - (b) Identify and implement a strategy to address this question. For example, you might submit a question to the weekly discussion forum, visit the HelpHub or Maths Mentors, ask the unit chair, or do further reading.
 - (c) Describe the question you identified and your strategy for addressing it (2-4 sentences).
- (3) Attempt the Give-it-a-go-again quiz later in the week. Take a screenshot of the results.

Note: your screenshot should include the summary of results including the session ID. Remember, you must achieve at least 60% in this quiz.
- (4) Submit a short reflection (approximately 80 words) on your improvement between the Give-it-a-go and Give-it-a-go again quizzes. Explain how your strategy helped. If it was not useful, explain why and suggest what you might do next time.

Please note that in this task, you will not be penalised for not achieving full marks in either the Give-it-a-go or the Give-it-a-go-again quizzes.

where marks are, where available, full solutions.

Question Number	Score
Week 1	
1	1 / 1 Review
2	6 / 6 Review
3	3 / 5 Review
Total	10 / 12 (83%)

Performance Summary

Exam Name:	SIT190 - Week 1 - Quiz - Short
Session ID:	04553684262
Exam Start:	Mon Jun 21 2021 10:00:12
Exam Stop:	Mon Jun 21 2021 10:03:05
Time Spent:	0:02:52

FIGURE 1. GIAGA Quiz Screenshot

TASK 2: GOAL SETTING

In this task, you will identify factors that will help, or hinder, you in achieving success in this unit. Each week, you will participate in a band (group of students) to complete a number of workshop tasks. Reflect on how you can contribute to the band. Here are some suggestions:

- Asking good questions
- Letting others share their knowledge and skills with you
- Communicating mathematics
- Being organised and prepared
- Helping others
- Applying mathematical skills

Identify your goals and look up the character or "persona" that achieves that goal. Demonstrate the attitudes presented by that character as these will help you achieve your goal. Attitudes and mindsets have a huge impact on learning.



Reflect on your 'dragons', the fears, weaknesses and potential obstacles that might prevent you from achieving your goals for this unit. Here are some suggestions:

- I have not studied maths for 10 years and I'm worried about what I don't remember.
 - I need to achieve high marks to achieve my goal.
 - I am concerned about losing marks by not understanding the requirements correctly.
 - I don't know how to multiply fractions.
 - I can do the maths but I don't know how to present the solution correctly.
 - I am not good as good as other people in my band (team).
 - I have nothing to contribute to my band.
 - I was never good at maths.
- (1) Give the name/number of your band.
 - (2) Identify your goal and target persona.
 - (3) Identify a strength and explain how it will help you or others in your band complete the quest.
 - (4) Identify a dragon, or a potential obstacle, that you feel might prevent you achieving your goals for this unit and explain ways that you have identified to defeat it.

TASK 3: ALGEBRA

Complete the following questions **showing all working**. For extra help with these questions, book a consultation with your Teacher using the Moodle site link.

- (1) Use the rule $a(b + c) = ab + ac$ to **expand** $7(x + 2)$
- (2) Use the rule $ab - ac = a(b - c)$ to **factorise** $7x - 28$
- (3) Simplify the following mathematical expressions:

(a) $\frac{4}{16} - \frac{30}{32}$

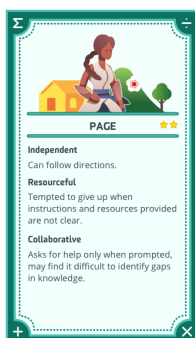
(b) $\frac{7}{11} \div \frac{5}{3}$

- (4) Solve for x :

(a) $2x + 9 = 5$

(b) $6 - \frac{x}{2} = 6$

- (5) Evaluate the following expression $y = 12 - 5x$ when $x = -2$



SUBMISSION

To successfully complete this assessment, you must submit:

- Task 1:** Quizzes, Question, Strategy and Reflection
- 1.1 Screenshot of results of Give-it-a-go quiz.

- 1.2 Screenshot of results of Give-it-a-go-again quiz (You must achieve at least 60% in this quiz).
- 1.3 Describe the question you identified and your strategy for addressing it (2-4 sentences).
- 1.4 Submit a short reflection (approximately 80 words) on your improvement between the Give-it-a-go and Give-it-a-go again quizzes.

Task 2: Goal-setting

- 2.1 Name of band
- 2.2 Statement of your goal.
- 2.3 Identify your target persona.
- 2.4 Identify a strength and explain how it will help you or others in your band complete the quest.
- 2.5 Identify a dragon, or a potential obstacle, that you feel might prevent you achieving your goals for this unit and explain ways that you have identified to defeat it.

Task 3: Algebra

Solve and/or simplify each of the problems providing all steps and working.

**USEFUL RESOURCES**

Week 1 material will help you complete these tasks including:

- Treasure chests (you will find these at the end of the Watch, Read and Think sections eg Fractions has several),
- Watch, Read and Think has some useful videos.
- Workshop Class
- HelpHub drop-in sessions.