## **School of Education**

### EDUC2749: K-6 Numeracy Callaghan and Ourimbah

Semester 1 - 2024



## **OVERVIEW**

OVERVIEW	V States and the second s
Course Description	This course introduces teaching and learning in Mathematics in K-6 contexts. Students will explore the NSW Mathematics K-6 syllabus incorporating the Australian Curriculum, planning for teaching, and learning which incorporates strategies for differentiation, task development, identification of student misconceptions, algebraic thinking and real-life problem solving.
Requisites	For students who commenced in the program in 2016 onwards, enrolment in this course is dependent on successful completion of the teacher education admission milestone: - Three HSC band 5s (including one in English) or - 80 units of UON courses or - Regulatory authority approved comparable pathways.
	in this course.
Assumed Knowledge Contact Hours	MATH1900, EDUC1050
	Lecture Online Synchronous 1 hour per Week for 12 Weeks Further information will be provided on the course Canvas site.
	Tutorial         Face to Face on Campus         2 hour(s) per Week for 12 Weeks         Further information will be provided on the course Canvas site.
Unit Weighting	10
Workload	Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10-unit course.



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## CONTACTS

Course Coordinator	Callaghan and Ourimbah Dr Zara Ersozlu zara.ersozlu@newcastle.edu.au
	Consultation: by appointment
Teaching Staff	Other teaching staff will be advised on the course canvas site.
School Office	School of Education VG 30 V Building Callaghan <u>Education@newcastle.edu.au</u> +61 2 4921 6428
	School of Education HO1.43 Humanities Building Ourimbah

Education@newcastle.edu.au +61 2 4349 4962 / 4934

# **SYLLABUS**

Course Content	The study of:
	<ul> <li>big ideas in mathematics and mathematical concepts and processes: such as developing number sense, place value, additive and multiplicative thinking.</li> </ul>
	<ul> <li>the knowledge base underpinning the pedagogies and practices of teaching and learning mathematics.</li> </ul>
	<ul> <li>models of pedagogy for teaching and assessing primary mathematics.</li> </ul>
	<ul> <li>range of strategies for differentiating teaching in primary mathematics – problem solving in mathematics- planning and communicating mathematical processes - key ideas in mathematics and common student misconceptions.</li> </ul>
	<ul> <li>ways of differentiating curriculum to meet the diverse needs of learners in the mathematics classroom.</li> </ul>
	<ul> <li>the place of primary mathematics in the continuum of learning in K-12, including a particular understanding of the links between Stage 3 and Stage 4.</li> </ul>
	<ul> <li>the Mathematics K-6 Syllabus, support documents and NSW Primary Curriculum Foundation Statements.</li> </ul>
	<ul> <li>the nature and role of mathematics in describing and modelling patterns and relationships that can be generalised, and as a means of interpreting the world.</li> </ul>
	<ul> <li>working with data (basic statistical literacy) including planning, gathering, organizing, applying data to solve problems, and communicating results through the selection of appropriate representations.</li> </ul>
Course Learning	On successful completion of this course, students will be able to:
Outcomes	<ul> <li>Demonstrate their understanding of the development of children's mathematical knowledge, skills and understanding in Number and Algebra, Measurement and Space, and Statistics and Probability.</li> </ul>
	<ul> <li>Demonstrate their understanding of the processes that children use in Working Mathematically.</li> </ul>
	<ul> <li>Demonstrate their understanding and use of the revised NSW Mathematics K-6 syllabus incorporating the Australian Curriculum (2023) to plan for learning and teaching in all aspects of numeracy.</li> </ul>
	<ul> <li>Demonstrate effective planning for learning which incorporates:</li> </ul>
	• Planning a sequence of lesson overviews and developing one of these into a full lesson plan.
	<ul> <li>Developing differentiated tasks to accommodate student diversity by modifying content and overcoming student misconceptions.</li> </ul>



	Assessment strategies: diagnostic, formative and summative.
Course Materials	<ul> <li>Strategies for generalising.</li> <li>Recommended Reading:         <ul> <li>NSW Board of Studies. (2012, revised 2022 &amp; 2023). Mathematics K-10 Syllabus. Sydney: NSW BOS. <a href="https://curriculum.nsw.edu.au/syllabuses/mathematics-k-10-2022">https://curriculum.nsw.edu.au/syllabuses/mathematics-k-10-2022</a> </li> <li>https://education.nsw.gov.au/teaching-and-learning/curriculum</li> <li>https://education.abc.net.au/home#!/home</li> <li>https://education.nsw.gov.au/teaching-and-learning/student-assessment/smart-teaching-strategies/numeracy</li> <li>https://obwm.weebly.com/fractions.html</li> <li>https://www.youcubed.org/resource/number-sense/</li> </ul> </li> </ul>
	<ul> <li><u>https://topdrawer.aamt.edu.au/</u></li> <li><b>Required Text:</b> Siemon, D., Warren, E. &amp; Beswick, K. (2020). Teaching Mathematics: Foundations to Middle Years. 3rd Edition. Oxford University Press ANZ</li> </ul>



## SCHEDULE

Neek	Week Begins	Торіс	Assessment Due	
1	26 Feb 2024	Introduction to Big Ideas in Mathematics and Connections to New Syllabus		
2	4 March	Developing Sense of Number and Algebra & Assessment in maths.		
3	11 March	Understanding Place Value & Developing mathematically rich tasks		
4	18 March	Additive Thinking & Developing mathematically rich tasks	ASSESSMENT 1 Part A Week 4	
5	25 March	Multiplicative Thinking & Developing mathematically rich tasks		
6	1* April	Subtraction and Division		
7	8 April	ASSESSMENT 1 Part B Week 7		
		*Easter Monday and Tuesday in Week 6		
		Mid Term Break		
8	29 April	Working with Decimals-Rational Number		
9	6 May	Proportional Reasoning	ASSESSMENT 2 Part A	
	13 May	Relationships between fractions, decimals and percentages		
10		Developing Sense of Statistics and Probability		
10 11	20 May	Developing Sense of Statistics and Trobability		

## ASSESSMENTS

This course has two assessments. Each assessment is described in more detail in the sections below.

	Assessment Name	sment Name Due Date Involvement		Weighting	Learning Outcomes	
1	Mathematically rich task development/Adoption to overcome student misconceptions (Multiplicative Thinking)	Part A (15%) Week 4 by the end of week 4 tutorial Part B (35%) Week 7 Sunday 14 April by 11:59pm	Individual	50%	1, 3, 4	
2	Developing a Lesson Plan focusing on (Rational Number)	Part A due to Turnitin Week 9 Friday 12 <sup>th</sup> May by 11:59pm Part B due to Turnitin Week 13 Sunday 9 <sup>th</sup> June by 11:59pm	Individual	50%	1, 2, 3, 4	

#### Late Submissions

The mark for an assessment item submitted after the designated time on the due date, without an approved extension of time, will be reduced by 10% of the possible maximum mark for that assessment item for each day or part day that the assessment item is late. Note: this applies equally to week and weekend days.



Assessment 1					
Assessment Type	Task Development (Individual)				
Purpose	Task Development (Individual)         The purpose of this assignment is for students to develop a mathematically rich task to differentiate maths teaching based on student misconceptions while developing multiplicative thinking skills. The differentiated tasks (versions of the same task based on different student misconceptions) will address the content descriptors in the NSW Mathematics K-6 Syllabus and focus on Multiplicative thinking skills. There are two main parts (Part A and B) in this assignment.				
Description	<ul> <li>PART A (15%) 600 words</li> <li>Student Work Sample Analysis – submitted to canvas during Week 4 tutorials.</li> <li>During tutorials, students will be placed in groups of 4-6 to carry out a misconception analysis of a K-6 student's mathematics work-sample based on a multiplication problem.</li> <li>Using the Mathematics K-6 Syllabus outcomes, content descriptors and the Numeracy Progression to guide this analysis, using the proforma supplied, students will identify misconceptions, needs and strengths of the student's work.</li> <li>** The Analysis proforma can be found in the Assessment 1 folder on canvas and should include a caver about stating your name before submitting online. This is not a group tack:</li> </ul>				
	include a cover sheet stating your name before submitting online. This is not a group task; the group is there to help you develop your ideas for this task. The task submission will be individual. If you miss the workshop in week 4, you will need to analyse the student work yourself without help of others. Your responses can be similar to your group members, since you worked together on this work sample. The main aim in this task to improve your understanding of students thinking and their misconceptions.				
	<ul> <li>PART B (35%) 1400 words</li> <li>Mathematically Rich Task Development – canvas – Week 7</li> <li>Individually, students are to submit a mathematically rich task to overcome determined misconceptions in Part A. You will be provided the research to develop mathematically rich tasks during your tutorials in week 2 to week 5.</li> <li>Overview to include: <ul> <li>most appropriate outcomes (both content and working mathematically processes),</li> <li>content descriptors/points,</li> <li>most appropriate numeracy progression indicator to be addressed in the tasks (versions of the same task).</li> </ul> </li> </ul>				
	Students will provide brief descriptions of the following: Description and justification for the main task. If you adopt it from a research or esteem website, please provide the link or reference to the actual task's source. How it is expected to work in overcoming to specific misconception determined in part A, explain. Description of modified task/s by associating them to students' diverse needs, how this will cater their needs, explain. How this task can be extended to cater above standard kids, please provide ideas.				
	** Mathematically Rich Task Development template can be found in the Assessment 1 folder on canvas.				
Weighting	50%				
Length	Equivalent to 2000 words				
Due Date	Part A Due Week 4, by the end of tutorial				
	Part B due to Turnitin Week 7 Sunday 28 April until 11:59pm Online				
Submission Mathad					
Submission Method Assessment Criteria	Rubric is on canvas site				



Assessment 2 -	- Lesson Plan
Assessment Type	Proposal / Plan
Purpose	The purpose of this assignment is for students to develop a written series of sequential lesson overviews and one detailed lesson plan referenced to the revised NSW Mathematics K-6 Syllabus.
Description	PART A (25%) 1000 words Lesson Sequence Planning Overview – canvas – Week 9 During tutorial in week 9, students will be provided a mathematically rich task focused on rational numbers. Students will be placed in groups of 4-6 to analyse a mathematically rich task focused on rational numbers and discuss how to utilise this task to write a series of sequential lesson overviews. Using the Mathematics K-6 Syllabus outcomes, content descriptors and the Numeracy Progression to guide this analysis, using the proforma supplied, students will need to plan how to engage students in this rational number focused task to allow them to learn and practice fractions, decimals and percentages. Think and plan about differentiating your lesson for diverse needs while teaching rational numbers using the task provided to you and plan for extensions to this task to cater diverse needs of students in primary stage 2, 3 and 4. The focus in these lesson sequences will be on improving students learning of rational number.
	<ul> <li>Individually, students are to submit a 4 Lesson Sequence Planning Overview to include:</li> <li>most appropriate outcomes (both content and working mathematically processes),</li> <li>content descriptors/points,</li> <li>most appropriate numeracy progression indicator to be addressed in the sequence.</li> </ul>
	<ul> <li>Then provide brief descriptions of the following phases of the lesson:</li> <li>Orientation phase- include learning intention / focus area (We are learning to</li> <li>WALT)</li> <li>Explicit teaching phase - include teacher 'think alouds' &amp; open-ended questions</li> <li>Exploration phase - include differentiation and assessment</li> <li>Consolidation phase - how students will reflect on the learning from the lesson</li> </ul>
	** The Lesson Sequence Planning Overview proforma can be found in the Assessment 2 folder on canvas.
	<ul> <li>PART B – FULL LESSON PLAN (25%) 1000 Words</li> <li>To be submitted online by one member of each GROUP NOTE: GROUP COMPLETION IN OWN STUDY TIME</li> <li>In groups, make an appointment to communicate and share your individual overviews of the 4-lesson sequence with your group in a zoom session/s and a Google doc.</li> <li>* Choose just ONE lesson from all lesson sequences to collaboratively write out as a FULL lesson plan Lesson Sequence Planning Overview proforma.</li> <li>*The lesson must be engaging and focused on investigating and problem solving with predesigned open-ended questions, NOT based on written exercises or commercial worksheets.</li> <li>*Modelled mathematical thinking (think alouds) by the teacher during the explicit phase is</li> </ul>
	expected. *Assessment and differentiation are required in the Exploratory phase. *The exploratory phase must include activities that link to interactives (such as MAB) or online and concrete manipulatives. *The lesson plan must include the most appropriate: outcomes (both content and process) and content descriptor/point from the syllabus; numeracy progression indicator; differentiation; grouping strategies; appropriate resources (including ICT); and assessment.
	NOTE: An example lesson plan proforma is provided on canvas. Use the proforma to complete each section required. One member of each group is to submit the group lesson plan to Turnitin by the end of Week
Weighting	13 Friday 7 <sup>th</sup> June until 11:59pm.
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Due Date	Part A due to Turnitin Week 9 Friday 10 <sup>th</sup> May by 11:59pm Part B due to Turnitin Week 13 Friday 7 <sup>th</sup> June by 11:59pm			
Submission Method	Online			
Assessment Criteria	Rubric attached to this course outline			
Return Method	Online			
Feedback Provided	Online - 3 weeks after extension date.			

# **ADDITIONAL INFORMATION**

improvement.

#### **Grading Scheme**

		s graded as fo		
	Range of Marks	Grade	Description	
	85-100	High Distinction (HD)	Outstanding standard indicating comprehensive knowledge and understanding of the relevant materials; demonstration of an outstanding level of academic achievement; mastery of skills*; and achievement of all assessment objectives.	
	75-84	Distinction (D)	Excellent standard indicating a very high level of knowledge and understanding of the relevant materials; demonstration of a very high level of academic ability; sound development of skills*; and achievement of all assessment objectives.	
	65-74	Credit (C)	Good standard indicating a high level of knowledge and understanding of the relevant materials; demonstration of a high level of academic achievement; reasonable development of skills*; and achievement of all learning outcomes.	
	50-64	Pass (P)	Satisfactory standard indicating an adequate knowledge and understanding of the relevant materials; demonstration of an adequate level of academic achievement; satisfactory development of skills*; and achievement of all learning outcomes.	
	0-49	Fail (FF)	Failure to satisfactorily achieve learning outcomes. If all compulsory course components are not completed the mark will be zero. A fail grade may also be awarded following disciplinary action.	
	*Skills are th	ose identified	for the purposes of assessment task(s).	
Attendance	•	•	ill be recorded in the following components: recording: Class roll)	
Communication Methods	<ul> <li>Communication methods used in this course include:</li> <li>Canvas Course Site: Students will receive communications via the posting of content or announcements on the canvas course site.</li> </ul>			
Course Evaluation	-		ght from students and other stakeholders about the courses r the purposes of identifying areas of excellence and potential	

- **Oral Interviews (Vivas)** As part of the evaluation process of any assessment item in this course an oral examination (viva) may be conducted. The purpose of the oral examination is to verify the authorship of the material submitted in response to the assessment task. The oral examination will be conducted in accordance with the principles set out in the Oral Examination (viva) Procedure. In cases where the oral examination reveals the assessment item may not be the student's own work the case will be dealt with under the Student Conduct Rule.
- **Academic Misconduct** All students are required to meet the academic integrity standards of the University. These standards reinforce the importance of integrity and honesty in an academic environment. Academic Integrity policies apply to all students of the University in all modes of study and in all locations. Please see the Student Academic Integrity Policy for more information.



Adverse Circumstances	<ul> <li>The University acknowledges the right of students to seek consideration for the impact of allowable adverse circumstances that may affect their performance in assessment item(s). Applications for special consideration due to adverse circumstances will be made using the online Adverse Circumstances system where:</li> <li>the assessment item is a major assessment item; or</li> <li>the assessment item is a minor assessment item and the Course Co-ordinator has specified in the Course Outline that students may apply the online Adverse Circumstances system;</li> <li>you are requesting a change of placement; or</li> <li>the course has a compulsory attendance requirement.</li> <li>Before applying you must refer to the <u>Adverse Circumstance Affecting Assessment Items Procedure</u>.</li> </ul>
Important Policy Information	The 'HELP for Students' tab in UoNline contains important information that all students should be familiar with, including various systems, <u>policies and procedures</u> .

This course outline was approved by the Head of School. No alteration of this course outline is permitted without Head of School approval. If a change is approved, students will be notified and an amended course outline will be provided in the same manner as the original.

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### EDUC2749 AT1 Rubric

Criteria	Fail (N)	Pass	Credit	Distinction	High Distinction
Part A-15%	Student failed to	Somewhat analysis of the	Reasonable analysis of the	An accurate and detailed	Thorough and full analysis the
Group Work	complete the group work	student's sample work was	student's sample work was	analysis of the student's sample	student's sample work was
Analysis	task and to attend the	presented, including the	presented, including the	work was presented, including	presented, including the
(Compulsory In-	tutorial.	following: a breakdown of the	following: a breakdown of the	the following: a breakdown of	following: a breakdown of the
Tutorial		content and process skills,	content and process skills,	the content and process skills,	content and process skills,
Requirement)		strengths, areas needing	strengths, areas needing	strengths, areas needing	strengths, areas needing
		support. The main focus area	support. The main focus area	support. The main focus area	support. The main focus area
		was identified.	was identified.	was identified.	was identified.
	(<2.6)	(2.7-5.7)	(5.8-8.8)	(8.9-11.9)	(12-15)
Part B-35%	Inaccurately describes the	Accurately outlines the	Mostly accurately outlines	Almost completely accurate	Accurately and fully outlines
(Individual)	purpose and determined	purpose and determined	the purpose and	outlines the purpose and	the purpose and sections of
Mathematically	misconception found in	misconception found in Part	determined misconception	determined misconception	the report and provides a
Rich Task	Part as well as the main	as well as the main task.	found in Part as well as the	found in Part as well as the	detailed summary of the
Development	task with some missing	Justification of how the	main task.	main task.	structure of the report.
	elements. Justification of	main task will help	Justification of how the	Justification of how the main	Justification of how the main
	how the main task will	overcoming to determined	main task will help	task will help overcoming to	task will help overcoming to
	help overcoming to	misconceptions with a	overcoming to determined	determined misconceptions	determined misconceptions
	determined	justification of catering	misconceptions with a	with a justification of catering	with a justification of catering
	misconceptions with	diverse needs of students is	justification of catering	diverse needs of students is	diverse needs of students is
	missing justification of	accurate.	diverse needs of students is	almost completely accurate.	almost completely
	catering diverse needs of	Most of the readings	mostly accurate.	All readings selected are from	outstanding.
	students.	selected are from an	Almost all readings selected	an academic source, are of a	All readings selected are from
	Some or none of the	academic source, are of a	are from an academic	high standard, are refereed,	an academic source, are of a
	readings selected are	high standard, are refereed,	source, are of a high	from highly regarded	high standard, are refereed,
	from an academic source,	from highly regarded	standard, are refereed, from	academic journals or	from highly regarded
	and address issues in the	academic journals or	highly regarded academic	conference proceedings, and	academic journals or
	mathematics education	conference proceedings,	journals or conference	address key issues in the	conference proceedings, and
	field. The readings do not	and address key issues in	proceedings, and address	mathematics education field.	address key issues in the
	attend to the	the mathematics education	key issues in the		mathematics education field.
	misconception related	field.	mathematics education		
	topic.		field.		
	(<14.6 marks)	(14.7-19.7 marks)	(19.8-24.8 marks)	(24.9-29.9 marks)	(30-35 marks)
Total 50%	(0-14.6 marks)	(17.4-25.4 marks)	(25.6-33.6 marks)	(33.8-41.8 marks)	(42-50 marks)

### EDUC2759 AT2 Rubric PART A 25%

Criteria	Fail(N)	Pass	Credit	Distinction	High Distinction
Outcomes and	Incorrect stage, strand,	Limited ability to apply the	Some correct choices	Mostly correct stage,	Correct stage, strand, sub-
numeracy	sub-strand, outcomes and	correct stage, strand, sub-	referring to stage, strand,	strand, sub-strand,	strand, outcomes and
progressions.	numeracy progressions.	strand, outcomes and	sub-strand, outcomes and	outcomes and numeracy	numeracy progressions.
		numeracy progressions.	numeracy progressions.	progressions.	
	(<2.79 marks)	(2.8-4.2 marks)	(4.21-5.51 marks)	(5.52-6.92 marks)	(6.93-8.33 marks)
Content Descriptors	Inadequate learning	An adequate use of	A reasonable use of content	A great use of content	An excellent use of content
and Learning	intention and the course	content descriptors and a	descriptors and a learning	descriptors and a learning	descriptors and a learning
Intention (WALT).	descriptors do not address	learning intention that	intention that almost fully	intention that fully	intention that fully
	how to engage students in	mostly addresses how to	addresses how to engage	addresses how to engage	addresses how to engage
	this rational number	engage students in this	students in this rational	students in this rational	students in this rational
	focused task to allow them	rational number focused	number focused task to	number focused task to	number focused task to
	to learn and practice	task to allow them to learn	allow them to learn and	allow them to learn and	allow them to learn and
	fractions, decimals and	and practice fractions,	practice fractions, decimals	practice fractions,	practice fractions, decimals
	percentages.	decimals and percentages.	and percentages.	decimals and	and percentages.
				percentages.	
	(<2.79 marks)	(2.8-4.2 marks)	(4.21-5.51 marks)	(5.52-6.92 marks)	(6.93-8.33 marks)
Orientation, Explicit	An inadequate progression	A limited progression of	A good understanding and	A very good progression	An excellent progression of
Teaching,	of the Orientation, Explicit	the Orientation, Explicit	progression of the	of the Orientation,	the Orientation, Explicit
Exploration	teaching, Exploration and	teaching, Exploration and	Orientation, Explicit	Explicit teaching,	teaching, Exploration and
(including	Consolidation phases with	Consolidation phases with	teaching, Exploration and	Exploration and	Consolidation phases with
Differentiation &	limited / no inclusion of	limited inclusion of	Consolidation phases with	Consolidation phases	the appropriate inclusion of
Assessment) and	Differentiation &	Differentiation &	some inclusion of	with the inclusion of	Differentiation &
<b>Consolidation Phases</b>	Assessment.	Assessment.	Differentiation &	Differentiation &	Assessment.
and Inclusion of	Limited / no inclusion of	Satisfactory use of	Assessment.	Assessment.	An excellent inclusion of
resources, grouping	resources, grouping	resources, grouping	A good use of resources,	A great use of resources,	resources, grouping
strategies and ICT.	strategies and ICT	strategies and ICT	grouping strategies and ICT	grouping strategies and	strategies and ICT
	integration embedded in	integration, mostly	integration, almost fully	ICT integration, fully	integration embedded
	the teaching phases.	embedded within the	embedded within the	embedded within the	within the teaching phases.
		teaching phases.	teaching phases.	teaching phases.	
	(<2.79 marks)	(2.8-4.2 marks)	(4.21-5.51 marks)	(5.52-6.92 marks)	(6.93-8.33 marks)
Total	(0-8.37 marks)	(8.4-12.6 marks)	(12.63-16.53 marks)	16.56-20.76 marks)	(20.79-25 marks)

### EDUC2759 AT2 Rubric PART B 25%

Criteria	Fail(N)	Pass	Credit	Distinction	High Distinction
Lesson plan quality,	Inadequate lesson plan	Adequate lesson plan	Adequate lesson plan	Very good and considered	Excellent and well
procedures linking to	using few/no procedures	using some procedures	using some procedures	lesson plan using	considered lesson plan
mathematically rich task.	linking to the	linked to the	linked to the	modelled procedures	using many modelled
	mathematically rich task.	mathematically rich task.	mathematically rich task.	linked to the	procedures linked to the
				mathematically rich task.	mathematically rich task.
	(<2.79 marks)	(2.8-4.2 marks)	(4.21-5.51 marks)	(5.52-6.92 marks)	(6.93-8.33 marks)
Effective differentiation,	Limited collaboration,	Some level of	A reasonable	A great demonstration of	Excellent demonstration
teaching strategies and	minimal differentiation	differentiation strategies	demonstration of	differentiation strategies	of differentiation and a
resources included.	opportunities and little /	and resources were	differentiation strategies	and resources were	variety of effective
	no resources were	incorporated.	and resources were	incorporated.	strategies and resources
	incorporated.		incorporated.		were incorporated.
	(<2.79 marks)	(2.8-4.2 marks)	(4.21-5.51 marks)	(5.52-6.92 marks)	(6.93-8.33 marks)
Proforma: Quality and	Poorly structured. Lacks	Basically, structured on	Soundly structured on	Very good. Clearly and	Excellent. Clearly and
clarity of writing,	clarity and flow. Use of	the required proforma.	the required proforma.	logically structured on	logically structured on
referencing, and	academic referencing is	Clarity is adequate but	Mostly effective and	the required proforma.	the required proforma.
assignment presentation	incorrect, numerous	could be improved. Use	accurate use of academic	Effective and accurate use	Effective and accurate use
	grammatical and spelling	of academic referencing	referencing, some	of academic referencing,	of academic referencing,
	errors, could be improved	is incorrect, numerous	grammatical and spelling	few grammatical and	few to no grammatical
	significantly.	grammatical and spelling	errors, formatting and	spelling errors, formatting	and spelling errors,
		errors, could be improved	presentation is sound but	and presentation is very	formatting and
		significantly.	has some areas for	good.	presentation is excellent.
			improvement.		
	(<2.79 marks)	(2.8-4.2 marks)	(4.21-5.51 marks)	(5.52-6.92 marks)	(6.93-8.33 marks)
Total	(0-8.37 marks)	(8.4-12.6 marks)	(12.63-16.53 marks)	(16.56-20.76 marks)	(20.79-25 marks)