



WHO ARE WE?

NAPLearn is an online Automated Essay Practice and Grading System based on the NAPLAN grading rubric. Scores and feedback are provided within seconds. NAPLearn is powered by the Rembiont Essay Analysis Engine. The grading simulation methodology used by the Rembiont Essay Analysis Engine was developed by a research team at an Australian University.

WHAT DO WE DO?

The aim of NAPLearn is to enable Australian students in years 3, 5, 7 and 9 to practice essay writing online at school, and home, in preparation for their NAPLAN writing tests. The feedback provided on an essay is designed to enable the student, together with teachers, and parents, to discuss the strengths and weaknesses of the essay.

HOW DOES IT WORK?

The NAPLearn system makes use of proprietary algorithms using Natural Language Processing techniques and machine learning models to analyse essays. NAPLearn can detect events in an essay and determine information density across the essay. We then use this information to assign scores for various NAPLAN grading criteria.

WHAT IS THE VALUE?

Schools and teachers can benefit from using NAPLearn with their students because teachers can set an essay question for all students in a class, and receive results for the entire class, within seconds of students' assessment submissions. The teachers are thus relieved from hours of grading and the provision of individual feedback. Tutorials are also provided to help students improve their scores. NAPLearn provides, in addition to a numerical essay score, a comprehensive visual and textual feedback on essay content to enable the teachers and parents to discuss the strengths and weaknesses of the essay, and areas for improvement with the student.

The feedback includes scores for the NAPLAN grading criteria of:

- Audience
- Ideas
- Character and setting
- Cohesion
- Paragraph
- Sentence Structure
- Spelling

The scores provided by NAPLearn may not be the same as the scores that the essay will be awarded from an actual NAPLAN test, though in most cases they will be similar. On various tests involving hundreds of essays the Rembiont Grading Engine had a correlation of 0.79 to 0.92 with human markers, which is similar to, or exceeds, the correlation between different human markers grading the same essays.



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naplearn.com

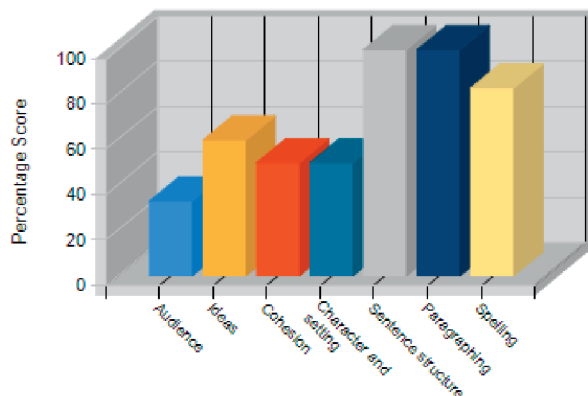
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Rembiont

EXCERPTS OF GRADING RESULTS FOR YEAR 7 NARRATIVE ESSAY

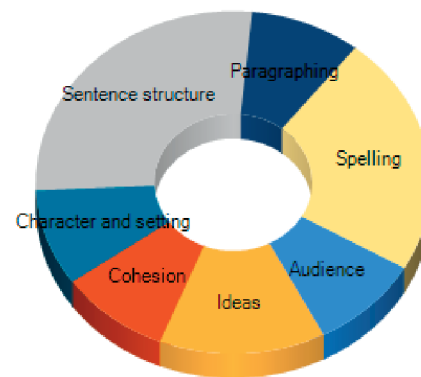
Your Essay Analysis Scoring Rubric

Audience	Ideas	Cohesion	Character and setting	Sentence structure	Paragraphing	Spelling	Overall
Beginner 2/6 (33%)	Intermediate 3/5 (60%)	Intermediate 2/4 (50%)	Intermediate 2/4 (50%)	Expert 6/6 (100%)	Expert 2/2 (100%)	Expert 5/6 (83%)	Intermediate 22/33 (67%)

Scoring Rubric



Scoring Breakdown



Category	Score	Description	Action
Ideas	Intermediate 3/5 (60%)	<p>The creation, selection and crafting of ideas for a narrative</p> <p>Good job!</p> <p>Your narrative includes some key events and ideas but there is still room to include more detailed description of these plot points. This means using interesting description words without repeating the same words.</p> <p>To improve, you need more plot points in your story. Provide more detailed plot points in your narrative and try to use more adjectives (gorgeous, gargantuan, generous) and adverbs (stealthily, loudly, greedily).</p> <p>Who is the character? What did they do? How did they do it? What happened?</p> <p>Refer to the NAPLearn Ideas tutorial for help on using ideas in a narrative, click the View button to the right.</p>	View

Your Overall Essay Score

Overall your narrative was graded as at an intermediate level. You need a little more practice to improve further. Use the feedback and the tutorials to improve your skills and then try again. Good work! Keep it up!

We estimate that your score of 67% would yield a NAPLAN* 2019 score of 31 landing in Band 7. Excellent work! Your estimated NAPLAN* score is above the national minimum standard for Year 7 (Band 5).

NOTE: These estimates are a guide only and, due to many factors, different results may be obtained in actual test conditions. Please refer to our [Grading Accuracy FAQ](#) for more information.

NAPLEARN PRICING

Number of Students	6 Month Cost	Number of Students	6 Month Cost
Up to 50	\$250	151 - 200	\$650
51 - 75	\$350	201 - 250	\$750
76 - 100	\$450	251 - 300	\$850
101 - 150	\$550	Whole School	\$1000