Hello, and welcome to the VCE Data Analytics 2021, Unit 3 School-based Assessment on-demand video on the Unit 3 Outcome 2 SAT for 2021. The purpose of this video is to support teachers with understanding the SAT for Unit 3 Data Analytics in 2021.

My name is Phil Feain, and I'm the Curriculum Manager for Digital Technologies with the VCAA.

The copyright in this PowerPoint presentation is owned by the Victorian Curriculum and Assessment Authority or in the cases some materials, by third parties. No part might be reproduced in any process except in accordance with the provisions of the Copyright Act 1968 or with permission from the Copyright Officer at the Victorian Curriculum and Assessment Authority.

The purpose of this session is to: build the capacity of teachers to assist their students to develop compliant, rigorous and engaging VCE assessment tasks in line with the VCE assessment principles. And to provide a brief overview of the School Assessed Task for Unit 3 Outcome 2. Over the next few slides we'll look at the Unit 3 Outcome 2 SAT.

The SAT has mandated assessment criteria and descriptors. These are published in the VCAA Administrative information for School-based Assessment on the Data Analytics study page. SATs are to be authenticated by the school. And teaches how to use the Authentication Record Form in the Administrative information for School-based Assessment.

A very important document is the Administrative information for School-based Assessment. This document contains information relevant to the SAT, as well as the authentication and assessment of the SAT. This document is updated every year and teachers are to ensure they use the 2021 document for 2021. The document contains the SAT criteria, performance descriptors and authentication information including record forms and the assessment sheet. The SAT contributes 30% to the study score. The VASS submission date for Unit 3 Outcome 2 is Friday 11th of June 2021. For Unit 4 Outcome 1, this is due on 3rd of November 2021. And only refer to the Administrative information for the SAT criteria.

This is Criterion 1 which involves: Skills in developing a research question. In this criterion students are to: document a research question as an information problem, and document evidence of critical and creative thinking to identify, clarify and critically analyse data and the sources of data to be collected.

This is Criterion 2 which involves: Skills in project management. In this criterion the students are to: prepare a Gantt chart using software that documents all stages and activities of the problem-solving methodology for Unit 3 Outcome 2 and Unit 4 Outcome 1, and document all the relevant tasks, sequencing, time allocations, milestones, dependencies and critical path.

This is Criterion 3 which involves: Skills in documenting analysis. In this criterion students are to: document the data used to support the research question, document the functional and non-functional requirements, constraints and scope, and document evidence of critical and creative thinking through questions and strategies to critically analyse the data and solution requirements.

This is Criterion 4 which involves: Skills in data collection. In this criterion the students are to: acquire data sets from primary and secondary data sources, prepare data for manipulation and use or using data types and data structures, and reference primary and secondary data using the APA referencing system.

This is Criterion 5 which involves: Skills in designing the database and/or spreadsheet solutions and the infographics or dynamic data visualisations. In this criterion students are to: generate alternative design ideas, develop evaluation criteria with reference to design ideas, and infographics or dynamic data visualisations, produce preferred design for infographics or dynamic data visualisations, and document evidence of critical and creative thinking through design ideas, solution requirements and justification of preferred designs.

This is the Authentication Record Form for Unit 3 Outcome 2. This can be used by the teacher to write comments for observation and submission of student work. Both teachers and students are to sign and date their initials for each observation and submission. This record form should be updated regularly during the course of the SAT being completed.

This is the Assessment Sheet for scores to be added and submitted through VASS. All ten criteria for the SAT are listed on this page with spaces provided for each of the scores. The first five scores will be filled in for the SAT in Unit 3 Outcome 2. Be aware that NA is to be awarded when a criterion or group of criteria is not observed and not submitted. Teachers can award a mark if they've observed student work and the student has not submitted it. Zero is to be awarded when the work is submitted but does not meet the descriptors. However, students still need to be able to achieve an S. The VASS date for the submission of the Unit 3 Outcome 2 SAT scores for Criteria 1–5 is Friday the 11th of June 2021. The Unit 4 Outcome 1 SAT scores for Criteria 6–10 is Wednesday the 3rd of November 2021.

You need to be aware of possible issues when using commercial instructions for the School Assessed Task. There are several potential concerns. Teachers often do use commercial instructions without checking them against the study design to see that they met the outcome statement, key knowledge and key skills. Instructions can often be very detailed telling students what to do step-by-step. This can become an issue of undue assistance. Instructions can include content for assessment that is outside the scope of the outcome. And sometimes instructions can contain modified assessment criteria for the SAT. The 2021 VCAA Administrative information for School-based Assessment for Data Analytics is the mandated criteria to be used. The VCAA recommends that teachers check the commercial instruction against the current study design. This includes the outcome statement, key knowledge and key skills. Ensure the instructions address the current study design. You may have to modify them. Be aware of the potential for undue assistance. Don't have the detailed instructions telling students exactly what to do step-by-step. Ensure all content is within the scope of the outcome. Remove or modify content outside the scope of the outcome. And ensure the criteria are the VCAA SAT criteria from the Administrative information.

This is the end of the session for the Unit 3 Outcome 2 SAT.

The contact details for the Curriculum Manager are: Phil Feain, phone number at: 9059 5146 or email at: [Philip.Feain@education.vic.gov.au](mailto:Philip.Feain@education.vic.gov.au).

Thank you for following this presentation.

[Copyright Victorian Curriculum and Assessment Authority 2020](https://www.vcaa.vic.edu.au/Footer/Pages/Copyright.aspx)