

VIA AFRIKA DIGITAL EDUCATION ACADEMY

Digital learning in schools

SESSION 5

Online assessment tools

CLASS NOTES



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Course content

Digital learning in schools

Session 1: Why eLearning?

Session 2: Getting technical

Session 3: Managing and using ICTs in schools

Session 4: Content and apps for teaching

Session 5: Online assessment tools

Session 6: Games and gamification in education

Digital learning in schools

Session 5: Online assessment tools

Class Notes



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Abbreviations and terms

Bloom's Revised Taxonomy: A pedagogical framework for eLearning. [See pedagogy, See eLearning]

eLearning: Learning that is supported by, enhanced by, or facilitated through Information Communication Technologies (ICTs), and that is supported by reconsiderations of content, and a relevant pedagogy. [see ICT]

ICT: Information and communication technologies.

PD Points: Professional Development Points [See SACE]

Pedagogy: The how and why of what we do in the classroom. The method and practice of teaching, especially as an academic subject or theoretical concept.

PedTech: Pedagogical Technology for what happens when we want to use technology in the classroom

RAT: Replace, Amplify, Transform. A pedagogical framework for eLearning. [See pedagogy, See eLearning]

SACE: South African Council for Educators. Awards Continuous Professional Development Points (CPDP) to teachers.

SAMR: Substitution, Augmentation, Modification, Redefinition. A pedagogical framework for eLearning. [See pedagogy, See eLearning]

TPACK: Technological, Pedagogical and Content Knowledge. A pedagogical framework for eLearning. [See pedagogy, See eLearning]

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Outcomes and content

Outcomes of the session

By the end of the session, the participant will be able to:

- appreciate the key principles of assessment
- understand the difference between formative and summative assessment
- understand the difference between paper-based assessment and online assessment
- know the features, benefits and challenges of online assessment
- know the characteristics of the Via Afrika Test-Urself App and the Kahoot! App
- know how to use Test-Urself and Kahoot! in the classroom
- know how to create a quiz in Google Forms and Microsoft Forms
- appreciate the difficulties in marking essays online and consider some solutions
- know about two online assessment solutions, QuickKey and ZipGrade

Content of the session

This session will focus on:

- principles of assessment
- formative and summative assessment
- online assessment: description, advantages, benefits, challenges,
- Test-Urself App: description and use
- Kahoot!: description and use
- Google Forms: description and use
- Microsoft Forms: description and use
- The use of ChatGPT for marking essays
- Third-party apps for marking essays: Turnitin, Grammarly, EssayTagger, GradeMark
- QuickKey: description and use
- ZipGrade: description and use

Overview

Welcome to **Online assessment tools**. This is the fifth session of Via Afrika's **Digital learning in schools Course**. The aim of this session is to introduce you to useful online tools to aid assessment in a classroom.

We will cover three key issues in this session.

- Key concepts in online assessment
- Assessment apps, for example Test-Urself and Kahoot!
- Google Forms and Microsoft Forms
- Other online assessment options

There is an activity after each part just to check that you are developing the knowledge you need to move on.

Remember that devices and apps are updated all the time, so the app features and icons that you see here might differ slightly from the app in which you are working.

Key concepts

Assessment plays a crucial role in measuring learning and providing feedback to both teachers and learners, as well as parents and other stakeholders. It helps to ensure that learners are meeting learning objectives and that you can identify areas in which learners may need additional support.

A good teacher knows that assessments should be designed to measure each learner's progress towards specific learning objectives or standards. We must be clear about what we want learners to know and be able to do, and then design assessments that measure specific skills and knowledge.

Key principles of online assessment

There are some key principles of assessment we should keep in mind.

- It is important to use a variety of assessment types to get a comprehensive picture of each learner's progress.
- Assessment should be fair and equitable for all learners regardless of their background or abilities. Teachers should take steps to minimise bias and ensure that assessments are accessible to all learners.
- Assessment data should be used to inform teaching. Too often, assessment is done just to have a mark. Assessment data should be used to adjust teaching and provide targeted support to learners.
- It is important that all information about assessment is communicated to all stakeholders.

Formative and summative assessment

| Formative assessment | Summative assessment |
|---|---|
| <ul style="list-style-type: none">• Crucial to effective teaching and learning. | <ul style="list-style-type: none">• Crucial to effective teaching and learning. |
| <ul style="list-style-type: none">• Done during the learning process. | <ul style="list-style-type: none">• Done after the learning process. |
| <ul style="list-style-type: none">• Aims to give feedback to guide the next steps. | <ul style="list-style-type: none">• Aims to measure achievement of outcomes. |
| <ul style="list-style-type: none">• Examples include quizzes, classroom discussions and teacher observations. | <ul style="list-style-type: none">• Examples include final exams and topic tests. |

Online assessment

Online assessment happens when a teacher uses a digital device (for example a tablet or computer that is connected to the internet) for assessment purposes. It has become increasingly common in schools, especially in the wake of the COVID-19 pandemic. It can be used for both formative and summative assessment. Online quizzes, polls, and surveys can be used for formative assessment, while online tests and exams can be used for summative assessment.

Using technology for formative and summative assessment allows you – as a teacher – to gather data on learning and provide personalised feedback to learners. However, it's essential to ensure that technology is used purposefully and in a way that supports learning outcomes. It must be used ethically and should support valid and reliable assessment practices.

Be mindful of the potential for technology to create bias. Be aware of privacy concerns and take steps to mitigate these risks.

Formative assessment using technology

Technology can be a powerful tool for formative assessment, providing you with real-time feedback on learner understanding and enabling you to personalise instruction for individual learners.

There are many ways in which technology can be used for formative assessment.

Online Quizzes

Teachers can use various online quiz tools to create and administer formative assessments quickly and easily. These quizzes can be automatically marked, and teachers can use the results to identify areas in which learners may be struggling.

Interactive Whiteboards

Interactive Whiteboards can be used to engage learners in formative assessment activities, such as polls and surveys. You can display questions or prompts on the board and have learners respond using their devices or by writing their answers on the board.

Learning Management Systems (LMS)

LMS platforms (for example Google Classroom, Moodle, or Canvas) offer various tools for formative assessment, such as discussion forums, quizzes, and surveys. These platforms can also help teachers track learner progress and provide feedback.

Digital Games

Game-based learning can be used effectively for formative assessment. Games can be designed to assess learner knowledge and understanding while also providing engaging and interactive learning experiences. You can see how to do this in Session 6 of this course.

Summative assessment using technology

Technology can also be a valuable tool for summative assessment, providing teachers with efficient ways to measure learning and evaluate performance.

Online testing

With online testing, you can create and administer tests using various platforms. Some examples include Google Forms, Moodle, or Canvas. These platforms can automatically mark multiple-choice questions and provide immediate feedback to learners, all of which saves time and can reduce errors.

Video and audio recording

Learners can create video presentations or record themselves performing tasks or experiments that can then be evaluated by the teacher or other evaluators. This approach allows for a more authentic and comprehensive assessment of learner performance.

Digital portfolios

Learners can create digital portfolios to showcase their learning over a period of time. Portfolios can include a range of artifacts, for example written assignments, projects, multimedia creations and reflections that can be evaluated using rubrics or checklists.

Simulation and gaming

Simulation and gaming can provide learners with immersive learning experiences that require them to demonstrate their knowledge and skills. These experiences can be designed to assess learning outcomes and provide immediate feedback to learners.

Machine learning and artificial intelligence

Machine learning and artificial intelligence (AI) can help teachers to analyse large amounts of data from assessments and provide insights into learning. These tools can help you to identify patterns and trends in learner performance and then to adjust teaching accordingly.

Online vs paper assessment

| Issue | Online assessment | Paper-based assessment |
|----------------------------|---|--|
| Availability | Not all learners may have access to technology. | Most readily available format. |
| Flexibility | Wherever technology is available. | Limited to a specific location and time. |
| Feedback | Can be immediate. | Depends on the teacher's time. |
| Preparation | Requires more time than paper-based assessment. | Requires less time than online assessment. |
| Types of assessment | Excludes hands-on assessment. | Any assessment is possible. |
| Marking | Essays are problematic. | Takes time, but you can mark anything. |

Online assessment – benefits and challenges

Benefits

Online assessment provides many benefits that can enhance the assessment process and support learning. From time-saving and customisation to data analysis and accessibility, online assessment can help teachers to better understand their learners' needs and provide targeted support.

- **Saving time:** Marking can be automated, and learners can receive immediate feedback. This allows you to focus on providing targeted support to learners who need it.
- **Flexibility:** You can create and administer assessments from anywhere, while learners can complete the assessment at their own pace and from any location with internet access.
- **Efficiency:** It can be more efficient than traditional paper-based assessments since it eliminates the need for paper and reduces administrative tasks associated with marking and feedback.
- **Customisation:** It provides greater flexibility in terms of customisation since you can create personalised assessments for individual learners based on the learners' learning needs and abilities.
- **Data analysis:** Online assessment generates data that can be analysed to identify trends and patterns in learner performance. This information can help you to identify areas in which learners may need additional support and adjust teaching accordingly.
- **Accessibility:** It can be more accessible for learners with special educational needs (enlarged font, text-to-speech, and other accessibility features can be easily incorporated into the assessment).
- **Security:** Online assessment can be more secure than traditional paper-based assessments since secure testing platforms and exam management or proctoring tools can be used to prevent cheating and ensure the integrity of the assessment process.

Challenges

While there are many benefits to online assessment, there are also several challenges that you and your learners may face. Here are some of the main challenges of online assessment (other than the availability of technology in the classroom).

- **Technical difficulties:** Online assessment relies on technology that can be subject to issues such as internet connectivity problems, hardware or software malfunctions, and power outages. These issues can disrupt the assessment process and create stress for both teachers and learners.
- **Cheating:** Learners may have access to resources and support that they would not have during a traditional paper-based assessment. You should be proactive in preventing cheating by implementing security measures (such as secure testing platforms, proctoring tools, and randomised test questions).
- **Personalisation:** It could be more challenging to personalise assessments to meet the needs of individual learners, particularly in larger classes, where you may not have the time or resources to create customised assessments for each learner.
- **Interactivity:** It can limit interaction between you and your learners, as well as among learners themselves. This can create a sense of isolation and disengagement, particularly for learners who thrive on social interaction and collaborative learning.
- **Design:** Designing assessments that measure higher-order thinking skills (for example critical thinking and problem-solving) might prove to be challenging. Online assessments may also be less effective in assessing skills that require hands-on or experiential learning.
- **Suitability:** It may not be suitable for all learners, particularly those who struggle with technology or have limited access to technology. Teachers must be adaptable in their assessment approach. You should be prepared to offer alternative assessment methods for learners who may not be able to complete online assessments.

By carefully considering the benefits and challenges of online assessment, you can design effective assessment practices that support learning and growth. Online assessment can provide opportunities for more flexible and accessible assessment, save time, and provide immediate feedback to learners. However, it's important to ensure that online assessment is secure, fair, and aligned with learning objectives.

Reflection

- Make notes in your PD Journal.
- What excites you about online assessment?
- What, if anything, concerns you about online assessment?

Assessment apps

Via Afrika Test-Urself

Via Afrika developed this free digital revision app specifically for Android smartphones and tablets. Test-Urself enables learners to do revision on the go and at any time!

The app is available for most subjects from Grade 4–12. Test-Urself provides quizzes for each subject based on content per term or section depending on the subject and the grade.

When the learners have completed the quiz, they can access their results. The results are presented in the form of a percentage and the app indicates how many questions were answered correctly out of the total number of questions. Learners can view the memorandum to find out where they went wrong.

Using Test-Urself

You and your learners can use Test-Urself for assessment

1. Go to the Google Play Store on your Android tablet or phone and install Via Afrika Test-Urself.
2. Find a quiz suitable for your class.
3. Download the quiz and answer the questions.
4. The app will provide your results and a memo when the quiz has been completed.

Kahoot!

Kahoot! gives learners a voice in the classroom. It's a Freemium Game that is very easy to use and can be played on any device. Kahoot! uses gamification as a way of doing online assessments.

Quick facts about Kahoot!

- Kahoot! is a free game-based classroom response system that can be used very effectively for online assessment.
- Connectivity is essential, but Kahoot does not require a lot of bandwidth.
- The teacher is the **only one who needs to sign up or register** with Kahoot!
- Teachers can build fun quizzes and create surveys or discussions on various topics; these are then saved as games.
- The game is displayed using a shared screen, for example an Interactive Whiteboard. The players join the game on their own devices, but don't need a Kahoot Account to play.
- Kahoot uses a points system, and each question is timed. The sooner players answer questions, the more points they earn. The most points go to the learner who first gives the most correct answers.
- When everyone has answered the question, or when the time allocated for answering the question runs out, the correct answer and results are automatically displayed on the shared screen. At the end of the quiz the learners also get individual feedback on their devices, and the teacher can download a detailed results spreadsheet.
- Kahoot creates a fun atmosphere in the classroom and learners enjoy engaging with games.

Creating and running a multiple-choice quiz in Kahoot!

You can create a multiple-choice quiz in Kahoot!

1. Go to getkahoot.com in a browser and sign up.
2. Register with Kahoot! and log in.
3. Create a quiz, called a 'Kahoot' before class.

Learners can install the app

You can assist the learners to go to the appropriate app store and download the student app on their devices. It is advisable to do this before the lesson so that they all have the app on their devices at the start of the Kahoot! lesson.

You can run a multiple-choice quiz in Kahoot!

1. At the start of the lesson, launch the Kahoot from your tablet or computer. Kahoot! generates a unique Kahoot PIN and displays it on your screen.
2. Each learner keys in the unique pin in on their own device, and add their names.
3. The answers to all questions are colour coded. The learner taps a colour on their mobile device to answer.
4. Learners who answer a question correctly are awarded Kahoot! points, with the first learner to answer correctly, awarded the highest number of points. As the quiz progresses, scores are calculated, and learners receive an update after every question.
5. Pace the Kahoot! quizzes as you wish.

Marking

Kahoot! automatically marks the questions.

After each question, the correct answer is shown on the teacher's screen in addition to a bar graph indicating how many learners chose each option. This allows you to quickly identify trouble spots and pause the quiz to go over key concepts when it's clear that most learners got it wrong.

All learners who answer a question correctly earn points, but the questions are timed, and the longer they take to answer a question, the fewer points they receive. The first learner to answer correctly is awarded the highest number of points.

After each question, learners get personal feedback on their own screens. They see if their answers are correct or not and how many points they received. They also receive an update on their total points and detail on their leaderboard position.

When the quiz is completed, you can open the results in Microsoft Excel. All the correct answers will be highlighted in green and the incorrect answers in red. The results are presented in a table-like format.

The downloadable Microsoft Excel Spreadsheet allows the teacher to focus on individual questions, and to identify patterns of learners' lack of understanding. If you have specific learners with problems understanding a concept, you can pay attention to it and provide support as soon as they need it.

Task

Register for Kahoot!

- Prepare a simple quiz of three questions that you can use with your colleagues.
- Show your colleagues how to download the learner app.
- Run the quiz with your colleagues.
- Download the results in an Excel Spreadsheet.

Download the Via Afrika Test-Urself app from the Google Play Store.

- Download the quizzes for a grade and subject you teach.
- Complete the quizzes.

Think about the experiences. Which app would you want to use it in your classrooms? Why do you say this?

Google Forms and Microsoft Forms

Google Forms

You can create a quiz in Google Forms

Creating a Google Forms quiz is a straightforward process that can be done in just a few steps.

Create your basic quiz

1. Open your web browser and navigate to Google Forms at <https://forms.google.com/>
2. If you are not already signed into your Google Account, sign in with your Google username and password.
3. In the top left-hand corner of the screen, click the Plus (+) Button to create a new form.
4. Go to Settings and select Make This a Quiz.
5. Now, go back to questions.

Give your quiz a title and add questions

1. Give the form a title, for example: 'Quick quiz'.
2. Explain what the learner must do, for example: 'Answer all questions'.
3. Start adding questions to your form. You can choose from various question types, including multiple-choice, short answer, and paragraph text.
4. To create a short answer question: select this question type. Type in your question. Select OK. Assign a mark value for each question by clicking on the Answer Key Button. Select the correct answer(s), and assign a mark.
5. Click on the Add Question Button at the right of the question to add the next question.
6. To create a multiple-choice question, select the question type. Type in your question. Type in the multiple possible answers. Indicate which is the correct answer. Assign a mark value to your question.

What about a question with an image?

1. To insert an image, click on the Image Icon.
2. You can upload an image or find one in your Google Drive.
3. Click Browse and find the image you want to upload.
4. Click on it.
5. You can see the image is loaded.
6. Now, add the question and assign a mark value.

Customise, preview and share

1. Use the Menu Bar at the top of the screen to customise your quiz by changing the form's layout and theme by clicking on the little Palette Icon.
2. Preview your form by clicking the Eye Icon (this is also called the Preview Button) at the top of the screen to see how it will appear to learners.
3. Share it with the learners by clicking the Send Button at the top of the screen. You can share the form via email or a link.

Collecting responses

As learners fill out your form, their responses will be automatically marked, collected and stored in a Google Sheet that you can access at any time. You can also view individual responses and see which questions learners got right or wrong. With the response sheet, you can analyse the performance of your learners and identify areas in which they need additional support or instruction. You can also use the response sheet to provide individualised feedback to each learner based on their performance. Here are the steps to view the response sheet.

1. Open your quiz in Google Forms and then click on the Responses Tab.
2. You will see a summary of responses and some basic charts.
3. Click on the Link to Sheets Icon located at the top right of the screen.
4. Choose Create a New Spreadsheet. It will have the same name as your quiz. This will open a new Google Sheet with all the responses.
5. The response sheet will show you each individual response to the quiz.
6. If you want to download the response data as an Excel Spreadsheet, go to File, then select Download, and then select Microsoft Excel.

What about essays?

Google Forms does not have a built-in feature for automatically marking essays. However, you can use Google Forms in conjunction with other tools to help with marking essays. Here are some options.

- You can include an essay question in your Google Forms form and ask respondents to write their response in a Text Box. You can then review the responses and provide feedback and a mark manually.
- You can create a rubric in Google Sheets and use it to mark the essay responses manually. To do this, you can create a column for each criterion you want to grade and assign a point value for each level of performance. You can then enter the marks for each response (for each criterion), and the rubric will automatically calculate the total mark.

The Review Function in Google Docs

Using the Review Function in Google Docs can be a helpful way to provide feedback to learners on their essays. It allows you to provide comments and suggestions directly in the text and allows you to suggest changes without making permanent edits to the document. This can be particularly useful if you want to provide feedback without making changes to the learner's work. Here are the steps to follow.

1. Open the learner's essay in Google Docs.
2. Click on the Tools Menu and select Review Suggested Edits.
3. Click on the Pencil Icon to switch to Editing Mode.
4. Read through the essay and make any comments or suggestions using the comment tool. To add a comment, highlight the text you want to comment on, then click on the Comment Button in the Toolbar.
5. Use Suggesting Mode to make suggested changes to the text. To do this, click on the Pencil Icon in the top right corner and select Suggesting. Then make any suggested changes to the text. These changes will be highlighted in a different colour to show that they are suggestions.
6. Provide an overall comment or feedback at the end of the essay, summarising your thoughts on the strengths and weaknesses of the essay, and any areas that could be improved.

Voice comments

There are several tools that you can use to create voice notes in the comments of a Google Doc. This is useful for assessment of essays, but also for other types of assessment. Adding voice comments to your learners' documents can be an efficient way to give them feedback on their work. You can give detailed explanations that you are less likely to give if you were writing the comment. Because the learners are hearing your voice, they do not need to work out the tone of the comment like they would a written comment. But that is also a warning to you the teacher: mind how you comment, please.

We can suggest the Beep Google Extension from [Beepaudio.com](https://beepaudio.com). Go to the website to explore the app further.

Third-party apps

Using a third-party tool can save you time and effort when you are marking essays in Google Docs. These tools often provide automated feedback and grading. However, it's important to note that some of these tools may come with a cost, so you should consider your budget when you are choosing a tool to use.

Here some options of third-party apps to use with Google Docs.

- Turnitin is a plagiarism detection and marking tool that can be integrated with Google Classroom and Google Forms. It compares learners' work to a vast database of online sources to detect plagiarism, and provides feedback on grammar, spelling, and writing style.
- Grammarly is an AI-powered writing assistant that can help learners improve their writing skills. It checks for grammar, spelling, and punctuation errors, and offers suggestions for improving sentence structure and writing style. Grammarly can be integrated with Google Docs, and offers a browser extension and mobile app.
- EssayTagger is a web-based marking tool that can be used to mark essays in Google Forms. It uses a customisable rubric to mark essays, and provides feedback on grammar, spelling and writing style.
- GradeMark is a grading and feedback tool that can be integrated with Google Forms. It allows you to create a customisable rubric to grade essays, and provides feedback on grammar, spelling and writing style.

All these solutions offer various pricing plans for educators and provide a free trial.

Task

- Create a quiz with five questions in Google Forms.
- Use all the different question types.
- Share the quiz with your colleagues and ask for their feedback.

Microsoft Forms

Creating a quiz in Microsoft Forms

Here are the steps to create a quiz using Microsoft Forms.

1. Open Microsoft Forms by going to <https://forms.office.com/> and sign in with your Microsoft Account.
2. Click on New Form to create a new quiz.
3. Give your quiz a title and description in the Form Title and Form Description Fields.
4. Click on Add New and select Quiz from the Dropdown Menu.
5. Enter your first question in the Question Field and select the question type from the Dropdown Menu. You can choose from a variety of question types, including multiple-choice, true/false, short answer, and more.
6. Add answer choices or options for the question and set the correct answer by selecting the Checkbox next to the correct option.
7. You can also assign mark values for each question by clicking on the Points Dropdown Menu and selecting the point value for that question.
8. To add more questions to your quiz, click on Add Question; then repeat the process.
9. You can customise the look and feel of your quiz by selecting a theme, background image, or font style from the Theme Option and the Background Options.
10. Once you have added all your questions and customised the quiz settings, click on Preview to see how the quiz will look to your learners.
11. When you're ready to share your quiz with your learners, click on Share and select the sharing options you want to use. You can share the quiz link or send it via email.

12. As your learners complete the quiz, their responses and scores will be automatically collected in Microsoft Forms. You can view and analyse the results by clicking on Responses and selecting the Summary View, or the Individual View.
13. You can download the Excel Spreadsheet for record-keeping purposes.

That's it! Creating a quiz in Microsoft Forms is easy and straightforward and can be a great way to assess learner knowledge and understanding.

What about essays?

Microsoft Forms does not have a built-in feature for automatically marking essays. However, you can use Microsoft Forms in conjunction with other tools to help with marking essays. Here are some options.

- You can include an essay question in your Microsoft Forms form and ask learners to write their response in a Text Box. You can then review the responses and provide feedback and a mark manually.
- You can create a rubric in Microsoft Excel and use it to mark the essay responses manually.
- You can use the Review Function in Microsoft Word and mark the essay manually.

As with Google Forms, you can use one of several third-party assessment tools with Microsoft Forms. Turnitin, Grammarly and EssayTagger are all available to use with Microsoft Forms too.

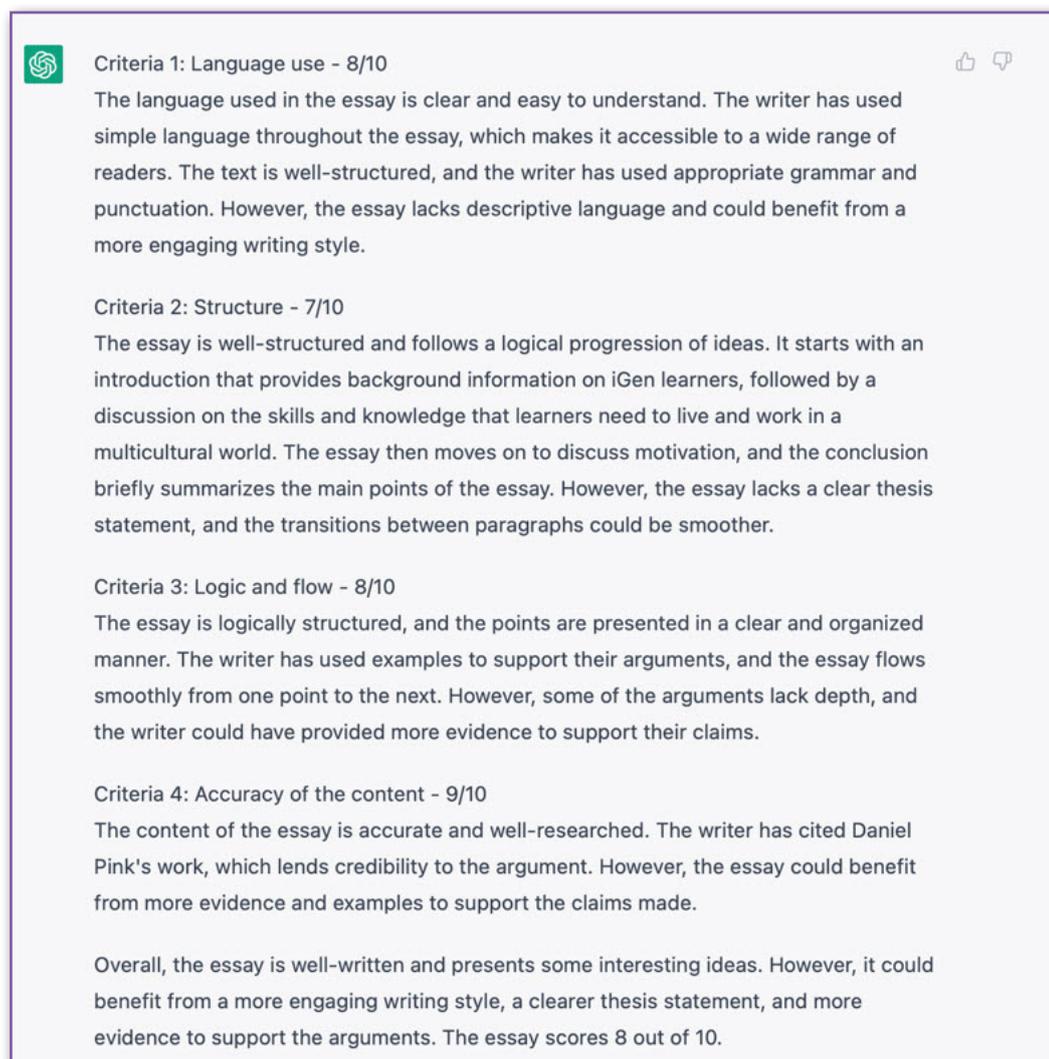
What about ChatGPT for marking essays?

It is possible to have ChatGPT mark essays, but there are some things you must do for each learner's essay.

You can get ChatGPT to mark an essay, as explained in the video you watched for this section. Here is a summary of the steps to follow.

1. Register on ChatGPT on <https://openai.com>.
2. Give the AI all the instructions it needs (including the rubric) in the prompt.
3. Place the learner's essay into the prompt indicating that it is the essay.
4. Press Enter and wait.
5. ChatGPT will provide a response.

Here is an example of an essay marked by ChatGPT.



 Criteria 1: Language use - 8/10 👍 👎

The language used in the essay is clear and easy to understand. The writer has used simple language throughout the essay, which makes it accessible to a wide range of readers. The text is well-structured, and the writer has used appropriate grammar and punctuation. However, the essay lacks descriptive language and could benefit from a more engaging writing style.

Criteria 2: Structure - 7/10

The essay is well-structured and follows a logical progression of ideas. It starts with an introduction that provides background information on iGen learners, followed by a discussion on the skills and knowledge that learners need to live and work in a multicultural world. The essay then moves on to discuss motivation, and the conclusion briefly summarizes the main points of the essay. However, the essay lacks a clear thesis statement, and the transitions between paragraphs could be smoother.

Criteria 3: Logic and flow - 8/10

The essay is logically structured, and the points are presented in a clear and organized manner. The writer has used examples to support their arguments, and the essay flows smoothly from one point to the next. However, some of the arguments lack depth, and the writer could have provided more evidence to support their claims.

Criteria 4: Accuracy of the content - 9/10

The content of the essay is accurate and well-researched. The writer has cited Daniel Pink's work, which lends credibility to the argument. However, the essay could benefit from more evidence and examples to support the claims made.

Overall, the essay is well-written and presents some interesting ideas. However, it could benefit from a more engaging writing style, a clearer thesis statement, and more evidence to support the arguments. The essay scores 8 out of 10.

Challenges to using ChatGPT to mark

- You cannot rely on ChatGPT to check content; it still gets some things wrong. You must read the essay to verify that it is factually correct.
- The AI does not indicate individual errors; it provides only a global comment per criterion. You may wish to flag spelling and punctuation errors, though. You could ask for these to be provided in a list in the prompt.
- You must do this manually for each essay at the time of writing.
- The word limit is about 500 words.

Task

- Create a quiz with five questions Microsoft Forms for one of your classes.
- Share the quiz with your colleagues and ask for their feedback.
- Register on ChatGPT on <https://openai.com> and play around with creating an essay assessment on the app.

Other online assessment options

Freemium online marking tools can be a great resource for teachers looking to streamline their marking process and receive instant feedback on learner performance.

QuickKey

QuickKey is a Freemium App that allows you to mark paper-based assessments using your smartphone or tablet camera. You can create your own answer keys and use the app to scan learner responses and receive instant results.

While they offer paid plans, the free teacher plan is quite generous. You can do 100 quizzes per month on the free plan, and you can use either Google Classroom or Excel for the marks.

You will be able to use this on both Android and iOS devices.

Find out more at <https://validatedlearning.co>

ZipGrade

ZipGrade is another Freemium App that allows you to mark paper-based assessments using your smartphone or tablet camera. You can create your own answer keys and use the app to scan learner responses and receive instant grading results.

While they offer paid plans, the free teacher plan is quite generous. You can do 100 quizzes per month on the free plan.

It is available for both iOS and Android. You do not need the internet when you are marking, but you will need it to set up the tests and analyse results.

You can upload your class list which makes keeping a record of marks easy.

Find out more here: <https://www.zipgrade.com>

Task

- Register for either QuickKey or ZipGrade and try out a test with your learners using the app.
- Write a brief memo to your head of department either recommending the marking solution and saying why, or warning against using it and saying why.

About the Final Assessment



At the end of this training session, you will be asked to complete the Final Assessment.

If you complete the Final Assessment successfully, you will qualify for your virtual badge and certificate. You can see a sample here.



Final Assessment

Indicate the ONE correct response for each question.

| | |
|---|---|
| 1 | Formative assessment is used to evaluate learning at the end of a unit or course. |
| a | True |
| b | False |
| | |
| 2 | Teacher observation is an example of formative assessment. |
| a | True |
| b | False |
| | |
| 3 | The primary purpose of formative assessment is to decide if a learner can be promoted to the next grade. |
| a | True |
| b | False |
| | |
| 4 | A challenge of online assessment is that it is harder to analyse learner data. |
| a | True |
| b | False |
| | |
| 5 | A benefit of using technology for summative assessment is that it reduces the need for teacher involvement in the assessment process. |
| a | True |
| b | False |
| | |
| 6 | A challenge of online assessment is that it is less secure than paper-based assessment. |
| a | True |
| b | False |
| | |
| 7 | Via Afrika Test-Urself is available only on iOS and Windows devices. |
| a | True |
| b | False |

Final Assessment (continued)

Indicate the ONE correct response for each question.

| | |
|----|--|
| 8 | Kahoot! provides a game-like experience while doing assessment. |
| a | True |
| b | False |
| 9 | You cannot use images in a Google Forms quiz. |
| a | True |
| b | False |
| 10 | Google Forms has a built-in function for marking essays. |
| a | True |
| b | False |
| 11 | Google Forms and Microsoft Forms quizzes can be downloaded, completed, and automatically marked without internet connectivity. |
| a | True |
| b | False |
| 12 | ChatGPT is capable of assessing the sentence structure and spelling in an essay. |
| a | True |
| b | False |
| 13 | QuickKey and ZipGrade are completely free online marking apps. |
| a | True |
| b | False |
| 14 | With ZipGrade, you need the internet when you are marking, to set up the tests, and to analyse results. |
| a | True |
| b | False |
| 15 | ZipGrade has a marksheet you can read in Excel format. |
| a | True |
| b | False |

Additional Resources

Apart from the videos in this course, Via Afrika also have the following videos to help you with online assessment.

How to add a question to an existing Google form

<https://www.youtube.com/watch?v=mNkAIAUFz7o>

How to add the Flubaroo add-on to Google Sheets

https://www.youtube.com/watch?v=Eorg_irU65Q

How to create and preview a Google Form

https://www.youtube.com/watch?v=G5_Yo2R8ScM

How to link Google Form to a Responses Sheet

<https://www.youtube.com/watch?v=Ur3RzjZ0iJ8>

How to set up Flubaroo autograding on a Google Sheet

<https://www.youtube.com/watch?v=Rzvz2tXp1Xl>

How to share a Google form

<https://www.youtube.com/watch?v=G0IHIS4G3s0>

Introduction to Google Forms

<https://www.youtube.com/watch?v=KACE4ymx8ug>

Tips for assessing digitally

<https://www.youtube.com/watch?v=o3zpZIEgDHU>

[All resources last accessed August 2023]

Acknowledgements

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|--|--|
| Beepaudio.com | Screenshot from beep.com |
| https://chat.openai.com/chat | Screenshot from ChatGPT |
| Kahoot.com | Screenshots from Kahoot |
| Frimufilms, freepik.com, Premium license (Unlimited use without attribution) | Opened AI chat on laptop |
| Inspiring, freepik.com, Premium license (Unlimited use without attribution) | Network activity online service or platform |
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| Via Afrika | Screenshots from Via Afrika Test-Urself |
| validatedlearning.co | Screenshots from QuickKey |
| www.zipgrade.com | Screenshots from ZipGrade |



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