

Effective use of Digital Technology to support SEND learners

The 'How to Guides' for you and your pupils.

During these videos you will learn about the variety of tools, strategies and methodologies you can use with your SEND learners to support their academic and emotional learning.

Part 1 - How to use 'Speech to Text' to assist SEND learners

Overview:

For many learners reading, writing and transcriptions can be a barrier. Let's break down these issues by exploring the effective use of digital devices in supporting Speech to Text and how this can develop self-confidence, self-esteem and raise levels of attainment and achievement.

Applications to consider using:

Mac and iOS. Accessibility - Speech to Text in iOS (Mac) – you can find the tools and more if you follow this [link](#).

Microsoft

Find all you need to know [here](#).

Google Chrome

All information about speech to text can be found [here](#).

Part 2 - How to use technology for emotional self-regulation to assist SEND learners

Overview:

Emotional self-regulation is difficult for some learners due to cognitive overload, anxiety and not always being able to focus on listening skills and organization of thought processes. During this 'How to guide' discover some emotional self-regulation applications that can help with emotions as well as management of anger and anxiety. This can also help with aspects of mind management and revision for exams.

Applications to consider using:

[Sensory Sound Box](#)

[Fluid 2](#)

[Fluidity HD](#)

[Tayasui Sketches Pro](#)

Part 3 - How to use applications for time management and personal organization with SEND learners including the camera

Overview:

Productivity, time management and daily organization can be a real challenge for many of our SEND learners. From notifications to system management application to the effective use of the camera to track and organize activities, lessons and learning will be the focus.

Applications to consider using:

[Google Tasks](#) for Android

[Google Tasks](#) for iOS

[Google Chrome Desktop Extension](#)

[Notes](#)

[Word Salad](#)

[Microsoft Lens](#) for iOS

[Microsoft Lens](#) for Android

Part 4 - How to make a SEND 'Technology Toolkit for School, Home Learning and Parental support'

Overview:

In this 'How to Guide' you will be shown a variety of tools for assistive and accessible learning that will empower SEND learners in a variety of school settings, home learning and blended approaches. From video to photo management and creating visual learning boards to interactive mind maps as well as building a toolkit of application that would work for the individual learner. Be prepared to be amazed at the innovative tools on offer for SEND learners, teachers and parents.

Applications to consider using:

[Quik](#) for iOS

[Quik](#) for Android

[Seeing AI](#)

[Popplet](#)

[Book Creator for Chrome](#)

[Book Creator for iPad](#)

[Haiku Deck](#)

Reflection:

When working with SEND learners in your classrooms consider the following questions when thinking about ensuring the learning environment is accessible, inclusive and differentiated. Some questions for you to consider.

- What specific SEND requirement does the learner have?
- Do the learner need both digital and analogue support to access the curriculum and learning both in class and at home?
- Does the learner have different needs that warrant the purchase of a digital learning device to access education in comparison to the majority of peers in the class?
- As a teacher, where can I access specialist digital support if I am not sure what are the best tools to use?
- How will I monitor the effective use of technology and the impact on learning?

Further reading

<https://www.nfer.ac.uk/publications/FUTL05/FUTL05.pdf>

<https://send.excellencegateway.org.uk/digital-technologies>

<https://edtechnology.co.uk/comments/can-edtech-help-address-the-deepening-special-educational-needs-crisis-in-our-schools/>

<https://www.learningdisabilitytoday.co.uk/digital-technology>

If we can be of any further assistance and support to you, please do not hesitate to contact us at cpd@veema.co.uk.



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