

COSMO e-Braille Video Transcript, April 2021

COSMO is a electronic all-in-one braille device.
When using the COSMO, it is quiet. You can use it in a classroom full of students.
It does not draw unnecessary attention to the blind student.
It is easy to use. You can touch type.
There is no banging keys.

COSMO is used right now in remote areas but it is also a valuable teaching tool in situations where the teacher and student cannot get together in the same place at the same time.

BERT is an online interactive learning tool. COSMO and BERT give student and teacher a remote learning experience. It is as if they are side by side in a classroom talking to one another.

For younger students we have teachers use a camera so they can see the fingering for the young student on the camera and they can work to prevent any bad habits when using a braille device.

COSMO does not speak there are enough talking programs affiliated with computers. We did not feel it was necessary to have a talking COSMO. However, BERT, the student and teacher can communicate by voice and in real time with braille.

Any keys pressed on the COSMO keyboard will go immediately into the text screen on the computer and when the student presses the enter key the teacher can read it immediately. There is also back translation throughout BERT so if the teacher aide or the teacher are not familiar with braille they can read the braille as text along with the student in this way a history teacher or an english teacher can work with a blind or deaf-blind student who is using braille. Any homework the teacher loads into BERT the student can braille out on their COSMO and have the homework in real time.

If there are handouts in the classroom if the teacher has a copy of the handout in Word or pdf format teacher can convert that into UEB braille and the student can emboss it on his COSMO and he can have his text copy except it will be in UEB braille at the same time as the other students get their handouts.