General Assistive Technology devices for students with low vision

https://www.bookshare.org/cms/

Low Tech Devices:

1. Slant Board

By American Printing House “Read Write Stand”

Positioned at one’s preferred angle, this stand helps large print readers to compose and interact with written materials. Arisa has a working distance of approximately 3-4” when she is writing or coloring. The use of a slant board will help Arisa bring the paper closer to her eyes to read and write.

https://www.aph.org/product/readwrite-stand/

2. near magnification

“Dome magnifier” 1.7x magnification aids readers with low vision. Arisa will benefit from using a lower magnification, when she is first learning to use a magnifier. Arisa may use this when reading or looking at pictures in books. She will move the dome glass on the paper to magnify a word or picture.

https://www.maxiaids.com/coil-vm-bright-magnifier-blue-soft-grip-rim

3. Distance Magnification

Monocular – is used to magnify distance vision when you are looking for one, small detail. Such as looking across the street to see the playground, or looking at an animal in the distance at the zoo. Arisa may use this for field trips, at a school assembly, or during Orientation & Mobility lessons when she is older. Arisa would not use this in the classroom.

https://www.maxiaids.com/25x-monocular-with-cord

4. Keyboarding

https://www.maxiaids.com/large-print-keyboards
High Tech Devices:

Distance camera on CCTV – used in the classroom to read the board or posters on the wall

Some brands of CCTVs have both near AND distance cameras such as

1. Acrobat Mini CCTV

2. MATT Connect – uses an Android TABLET paired with a near and distance camera
https://store.humanware.com/hus/connect-12-electronic-magnifier-new-gen-distance-viewing-10x.html

3. Connect 12 electronic magnifier (new generation)
https://store.humanware.com/hus/connect-12-electronic-magnifier-new-generation.html

4. iPad – iPads can be used as near magnifiers, use the camera to take photos of distant information to be magnified, and/or a note taker and electronic text reader.
https://learningally.org/
https://www.voicedream.com/
https://www.bookshare.org/cms/