

Article of the Week #2

The Eye Ring Converts Words into Braille Dots in Real-Time (1480L)

Instructions: COMPLETE ALL QUESTIONS AND MARGIN NOTES using the CLOSE reading strategies practiced in class. This requires reading of the article three times.

Step 1: Skim the article using these symbols as you read:

(+) agree, (-) disagree, (*) important, (!) surprising, (?) wondering

Step 2: Number the paragraphs. **Read** the article **carefully** and **make notes in the margin**.

Notes should include:

- Comments that show that you **understand** the article. (A summary or statement of the main idea of important sections may serve this purpose.)
- Questions you have that show what you are **wondering** about as you read.
- Notes that differentiate between **fact** and **opinion**.
- Observations about how the **writer's strategies** (organization, word choice, perspective, support) and choices affect the article.

Step 3: A final quick read noting anything you may have missed during the first two reads.

Your **margin notes** are part of your score for this assessment. Answer the questions carefully in **complete sentences** unless otherwise instructed.

Student _____ Class Period _____

EYE RING
The most beautiful ring in the world



Concept

In reality, we try to think in their point of view to provide comfortable reading and we accompanied a ring type of braille scanner that are suitable and easy in any environment. This ring is easy to wear and take off to use whenever and wherever.



Notes on my thoughts, reactions and questions as I read:

The Eye Ring Converts Words into Braille Dots in Real-Time

In Korea, only about 0.1 per cent of books have Braille written into them, according to designer Yong Jeong, limiting those who are visually impaired the chance to read books. This is what the Eye Ring hopes to change.

The Eye Ring is a futuristic braille scanner that fits on like any other ring but can be worn on the tip of the finger when the wearer wants to read ordinary text. The Eye Ring comes equipped with a scanner at the top of the ring that can be scanned over the text. On the other side, a Braille point pops up according to the words that the scanner picks up and converts them into Braille dots, essentially providing a translation in real time. The ring can be turned on by rotating a dial on the outer edge of the scanner and has a Bluetooth function that can be connected to a headset, which converts the scanned words into a voice.

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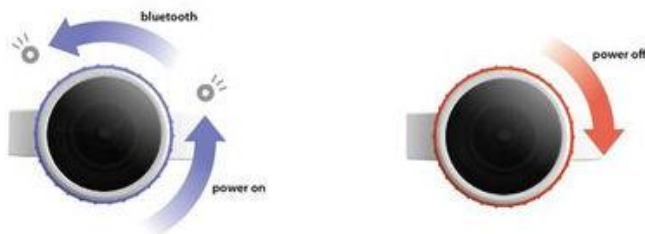
The Eye Ring Converts Words into Braille Dots in Real-Time (1480L)

Detail

Once the outer part of ring scans the letters and the braille point appears. The circle part of the scanner reads the nearest starting letter first. Plus, one can hear the information through any connecting devices like bluetooth. Its entire shape shows a clear and specific usage of simple function.



Control wheel is the power control of bluetooth making it a convenient use for the visual impaired to turn the switch. If tilted towards to a side makes the power off and turn it once more then a voice conversion is available for bluetooth. Turn the ring in opposite direction and the power goes off. It is considerably made for any users allowing to feel the touch.



Scenario



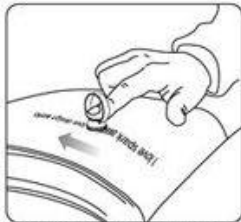
You can wear it and use it anywhere.



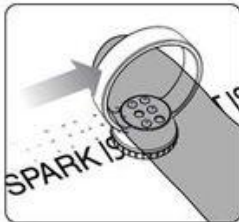
When it comes to reading, pull off the ring toward the tip



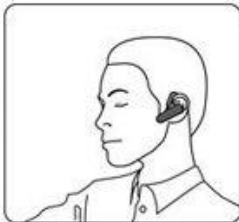
and use your index finger to put the power on or on the bluetooth mode.



Slowly, move the ring with an open book.



The braille pops up with scanned letters and you can feel it with your fingers.



Bluetooth voice support reads to the readers.

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Comprehension questions – answers may be in phrases.

1. Who designed the Eye Ring, and what country is this person from?
2. In which direction, according to the visual provided, would the control wheel need to be turned to power the device off?
3. Define **scenario** as used in the text.
4. What operation is available once Bluetooth is turned on?
5. Define **translation** as used in the text.

8.RI.1,4

2. Answer each question in one or more complete sentences.

If a fictitious Korean public library houses 8,000 books, how many of those books would be written in braille based on the data provided? In lieu of a complete sentence, show the math required to determine this answer.

*There is an error in the text of the image on page two where the word **wheel** is spelled as **wheep**. What is a possible reason for this error? (Hint: Consider the origin of this gizmo.)*

Explain what is meant when the device is referred to as “futuristic.”

8.RI.3,4,5,8,10

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3. This particular article presents information using two mediums – a written component and a visual component. Using the chart provided, list several advantages and disadvantages of using each type of medium in this particular article.

	ADVANTAGES	DISADVANTAGES
WRITTEN TEXT		
VISUAL COMPONENT		

8.RI.7

4. Congratulations! You have been hired to market the new Eye Ring. It is your job to get information about this device out to the general public so the inventor can begin sales. How will you market the device? Choose your own format and present relevant information about the device that would generate sales. (Please note: You can answer in any format you choose. Artists? Create an advertisement. Writers? Draft a public service announcement for the device. This is your opportunity to be creative.)

8.RI.7,8