



 **Beitrag + Transkript:** www.npr.org/transcripts/1040879179

Format: Kurzreportage

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Sendereihe: Weekend Edition Saturday

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Schlagworte: science and technology / genetic engineering / health / disability / blind / individual and society

Sprachniveau: Fortgeschritten; Oberstufe (11. Klasse bis 13. Klasse)

Sprache: Amerikanisches Englisch



| Photo: Picture Alliance

Inhalt: Rob Stein berichtet in diesem Radiobeitrag für NPR über eine bahnbrechende Entwicklung bei der Behandlung einer angeborenen Sehschwäche. Die Forschung nutzt hierbei die Gentechnik, um dauerhafte Verbesserungen für Betroffene zu erwirken. Zwei sehbehinderte Menschen und ihre Erfahrungen vor und nach der Behandlung stehen im Fokus des Berichts, zu dem Hörverständnisfragen auf Oberstufenniveau gestellt werden. Vor- und Nachbereitung des Gehörten zum Thema Sehen und Sinne runden dieses Angebot ab.

Pre-listening

1. Describe the following four photos, and state what aspects of the topic “seeing” are depicted in them.

Photo #1



| Photo: David Travis on Unsplash

Photo #2



| Photo: Picture Alliance

b) What is the relationship between the two remaining words from question a)? Choose the correct description(s).

- A The words are synonyms. They have the same meaning.
- B The words are antonyms; they express opposite meanings.
- C The words have different meanings.
- D The words belong to the same word family; they share a significant number of letters.
- E The words are used differently in British and American English

Listening

You can find the podcast for this listening comprehension exercise here:

www.npr.org/transcripts/1040879179

You will hear the text twice. Read the questions before you start listening. Mark (✓) the correct box (there is only one correct answer to each question) or write the answer in the blank space. You don't have to write full sentences. Keywords will do.

Vocabulary

CRISPR – low-cost, easy-to-use gene editor

4. How did Carlene Knight affect her co-workers and herself before taking part in the experiment?

• Co-workers:

• Herself:

5. What can Knight do and experience after the treatment? Give three aspects.

• _____

• _____

• _____

6. What did Knight do to mark the success of her treatment?

7. When did Michael Kalberer become aware of the ability to see colors again?

8. What has improved for Kalberer when he is in a restaurant?
