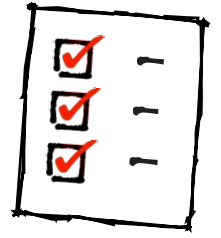


Name:



## Day Two

# Sickle Cell Testing

### Part 1: Tricky phrases and words

→ Read these phrases and words **out loud** to your partner.

- Dale Lloyd was a gifted student
- but sadly died the next day
- did not include testing for sickle cell trait
- Having sickle cell trait means you carry the gene
- Sickle cell trait is more common in African Americans

- |                                  |                   |
|----------------------------------|-------------------|
| <input type="checkbox"/> Lloyd   | <b>LOYD</b>       |
| <input type="checkbox"/> sickle  | <b>SIK</b>   ul   |
| <input type="checkbox"/> trait   | <b>TRAYT</b>      |
| <input type="checkbox"/> fatigue | fuh   <b>TEEG</b> |
| <input type="checkbox"/> muscle  | <b>MUS</b>   ul   |
| <input type="checkbox"/> spasms  | <b>SPAZ</b>   umz |



### Decoding practice:

We break words into syllables where we see two consonants in the middle of words.

- Underline the middle two consonants
- Draw a line between the two consonants
- Put a short vowel sign <sup>˘</sup> over the first vowel
- Say the word with your partner

The first one is done for you.

do<sup>˘</sup>ctors

practice

hospital

advised

discovered

problems

mandated



# Day Two Sickle Cell Testing

// one minute

## Part 2: Last read

WPM \_\_\_\_\_

Dale Lloyd was a gifted student and athlete. He played many sports in high school and won a scholarship to play football at Rice University. One day, Dale collapsed during football practice. He was rushed to the hospital but sadly died the next day.

Doctors and his parents were baffled. His mother told *NPR*, “We would always look for and make sure he had a good heart. We always had him checked out from top to bottom.” 58  
76  
77

Dale’s check-ups, however, did not include testing for sickle cell trait. Doctors discovered later that sickle cell trait caused Dale’s death. Having sickle cell trait means you carry the gene that causes sickle cell disease. Sickle cell trait usually causes no problems. But for athletes who are pushed very hard, like Dale Lloyd, sickle cell trait can cause the body to break down. 90  
104  
119  
134  
141

Dale’s family worked to prevent this from happening to other athletes. Starting in 2010, colleges were mandated to test athletes for sickle cell trait. 155  
165

Who is at risk? Sickle cell trait is more common in African Americans than in other groups. People with roots in southern Europe, South, or Central America are also at higher risk. But all athletes are now tested, whatever their background. 181  
195  
206

If athletes do have sickle cell trait, they are advised to avoid overexerting themselves. Drinking plenty of water and resting are important. Athletes are told to stop exercising if they feel fatigue, lower back cramps, or muscle spasms. Testing can save lives! 220  
234  
248

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## Part 3: Comprehension and discussion

Do you think that people with sickle cell trait should play college sports? Why or why not?

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Share your answer with your partner. What does your partner think?

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