Tools That Helped

How technology met two different needs

3.C.3.3.B "Technology (e.g., Sequoyah, Wiley Post)"

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline each problem a person wanted to solve. Circle the words that tell what each new tool did.

Words on Paper, Flight in the Sky

1. Long ago, many Cherokee people shared news by speaking. Sequoyah, a Cherokee man who later lived in what is now Oklahoma, wanted his people to read and write in their own language. In the early 1800s, he created a writing system called a syllabary. Today it uses 85 signs, each standing for a sound part of a word. Cherokee people could use the signs to write letters and share news.

2. More than a century later, pilot Wiley Post worked on a different problem. He grew up in Oklahoma and flew an airplane called the Winnie Mae. High above the ground, the air is thin and cold. Post helped make a special suit for flying that high. The suit helped him breathe and stay warm. With it, he could fly higher and learn more about flight.

3. A writing system and a flying suit may seem very different. Both are types of technology, tools people make to solve problems. The syllabary made it easier to share written Cherokee words. Post's suit helped a pilot work where the air was hard to breathe. Each invention met a need. One helped people communicate, and the other helped people explore the sky.

2 ANSWER WITH EVIDENCE

Use the passage

1. What need led Sequoyah to make the syllabary?

2. What problem did Post face high in the air, and how did his suit help?

3. How did the syllabary change the way Cherokee people could share news?

4. Why can both the syllabary and the suit be called technology? Give a detail about each.

3 YOUR TURN

Your own words

Think of a problem at school or at home. Invent a tool to solve it. In three sentences, tell what it is, how it works, and how it helps people.

ANSWER KEY

Tools That Helped

GRADE 3 · 3.C.3.3.B

PART 1 · READ AND MARK

Underline each problem a person wanted to solve. Circle the words that tell what each new tool did. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	What need led Sequoyah to make the syllabary?	**He wanted Cherokee people to read and write in their own language.**
2	What problem did Post face high in the air, and how did his suit help?	**The air was thin and cold. His suit helped him breathe and stay warm.**
3	How did the syllabary change the way Cherokee people could share news?	**They could use its signs to write letters and share news in writing.**
4	Why can both the syllabary and the suit be called technology? Give a detail about each.	**Both helped solve problems. The syllabary helped people write Cherokee words, and the suit helped a pilot breathe and stay warm high in the air.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

My backpack has a small light that turns on when I open it. The light shines into every pocket so I can find my things. It helps me get ready quickly when the room is dim.

Accept answers that connect each technology to the problem it solved. For Part 3, look for an original tool, an explanation of how it works, and a clear benefit.