

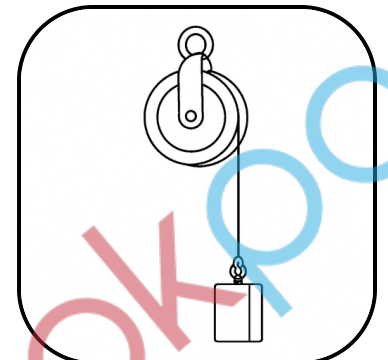
Name: _____

What Do Engineers and Inventors Do?

Engineers are people who solve problems by designing and building things. They look around and see what needs to be better or easier. Then they use their skills to come up with new ideas. Sometimes, engineers use simple machines like levers, wheels, and pulleys to help them do their work.

Inventors are people who create new things that have not been made before. Their ideas can change the world and help us in many ways. In America and all over the world, inventors work with different materials to make their inventions come to life.

If you like to ask questions, try new things, and use your hands, you might want to be an engineer or inventor one day!



Student Name: _____

Date: _____

What Do Engineers and Inventors Do?

Engineers are people who solve problems by (7)

designing and building things. They look around (14)

and see what needs to be better or easier. Then (24)

they use their skills to come up with new ideas. (34)

Sometimes, engineers use simple machines like (40)

levers, wheels, and pulleys to help them do their (49)

work. (50)

Inventors are people who create new things that (58)

have not been made before. Their ideas can change (67)

the world and help us in many ways. In America and (78)

all over the world, inventors work with different (86)

materials to make their inventions come to life. (94)

If you like to ask questions, try new things, and (104)

use your hands, you might want to be an engineer (114)

or inventor one day! (118)

Comprehension Questions:

Literal Question:

What do engineers do?

Answer:

They solve problems by designing and building things.

Student Answer:

_____ Correct _____ Incorrect

Inferential Question:

Why might inventors use many different materials?

Answer:

To find the best way to make their ideas work.

Student Answer:

_____ Correct _____ Incorrect

Vocabulary Question:

What does 'inventors' mean in this passage?

Answer:

People who create new things.

Student Answer:

_____ Correct _____ Incorrect

Notes:

Scoring Guide

Text Level: F&P GRL M Grade Level: 2 Word Count: 118

Total Words Read: _____

Errors: _____

WCPM: (total words read — errors = WCPM) _____

WCPM: Below grade level At grade level Above grade level

Prosody: 1 2 3 4

Comprehension: _____ / 3 correct

How to Administer the Fluency Passage Assessment

Assess Oral Reading Fluency

- Give the student a copy of the passage. **Set a timer or stopwatch for 1 minute.**
- Ask the student to begin reading. As the student reads aloud, assess prosody and mark errors and self-corrections on the evaluation copy using the following guides.
- **Stop the student when one minute has passed.** Take note of the last word the student read.
- Score the passage on the evaluation copy according to the **Scoring Guide**. Use the following chart to compare grade level norms for words correctly read per minute.

Marking Conventions	
Attempted Word = Substitution Error	✓ = Accurate Word Reading
^ = Insertion Error	Attempted Word S/C = Self Correction
— = Omission Error	R = Repetition
— = Omission Error	R = Repetition
T = Intervention Error (telling student the word)	

Prosody Rubric	1	2	3	4
Expression and Volume	monotone or quiet	some expression	appropriate expression	varied, natural expression
Phrasing	word-by-word reading	some phrase groupings	generally smooth phrasing	natural, meaningful phrasing
Smoothness	frequent pauses, starts and stops	occasional breaks	mostly smooth reading	fluent and confident
Pace	too slow or too fast	uneven pace	generally appropriate pace	consistent, conversational pace

Grade Level Norms (WCPM) *							
Grade	Fall	Winter	Spring	Grade	Fall	Winter	Spring
First	0 - 10	10 - 50	30 - 90	Fourth	70 - 120	80 - 130	90 - 140
Second	30 - 80	50 - 100	70 - 130	Fifth	80 - 130	90 - 140	100 - 150
Third	50 - 110	70 - 120	80 - 140	Sixth	90 - 140	100 - 150	110 - 160

* Rasinski Words Correct Per Minute Target Rates

Fluency Builder: What Do Engineers and Inventors Do?

Passage Details

Grade Level: 2

Reading Level: F&P GRL M

Word Count: 118

High-Frequency Words

America, around, ask, hand, try

Suggestions for Use

Increase Exposure to High-Frequency Words

- Before reading, introduce the list of high-frequency words in the passage.
- Find the words in the passage. Highlight or underline the words.

Illustrate and Label Extension Activity

- Have students draw and label items mentioned in the passage.

Link to Writing or Discussion

- Encourage knowledge transfer and personal connection by asking:
"Describe something you would like to invent."
"What problem would you like to solve as an engineer?"

Use for Repeated Readings

Day 1: Teacher reads aloud, then echo read

Day 2: Partner reading

Day 3: One-minute fluency timing and WCPM tracking

Day 4: Performance reading (with expression!)