

## Chapter 1 Science Skills

**WordWise**

Answer the questions by writing the correct vocabulary term in the blanks. Use the circled letter in each term to find the hidden vocabulary word. Then write a definition for the hidden word.

**Clues**

The study of matter, energy, and their interactions

The closeness of a measurement to the actual value of what is being measured

A gauge of how exact a measurement is

The ratio of a vertical change to the corresponding horizontal change in a line

An instrument used to measure temperature

The use of knowledge to solve practical problems

A representation of an object or event

A system of knowledge and the methods used to find that knowledge

A statement that summarizes a pattern found in nature

Information that you obtain through your senses

**Hidden word:** \_\_\_\_\_

**Definition:** \_\_\_\_\_

**Vocabulary Terms**

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# Physical Science Pearson Hall Wordwise Answers

**David Baud**



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web however ladder logic ld is the most used and fundamental plc language therefore the basic steps in this guide will help you to use ld with openplc the structure behind ld is based on the electrical ladder diagrams that were used with relay logic in the past these diagrams documented how connections between devices were made on relay panels

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web aug 20 2018 the actual ladder was the drawing of the control logic an illustration of how the relays were wired together even today a lot of the conventions that led to ladders are still in use and i will use a recent example drawing to illustrate this below is a simplified drawing of a control circuit and one of our ladder logic diagram

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web feb 16 2021 in simple terms all the field input and output devices are wired to the plc and the ladder logic program decides what outputs to trigger depending on the status of the input signals in basic terms plcs execute ladder logic by first reading all the input states and storing them into memory

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web mar 11 2020 during the program scan cycle the plc reads the inputs solves the ladder logic and energizes or de energizes outputs because inputs can change at any time this process repeats over and over again while the plc is in run mode the diagram below shows a model of the plc program scan cycle

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