

Dear Parents and Students,

The students will be taking a Science Quiz on Electrical Circuits. As part of the requirements for 4th Grade, the students will have to label the different parts of a circuit, answer multiple choice questions, and know important vocabulary words. Attached is a copy of the information that the students will be required to know for the quiz. As additional practice, outside of school, please have your child review/study this information.

Test Date: _____

Thank you for your support,
Mrs. Neth

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We have reviewed the requirements for the quiz and we are aware of the date of the quiz.

Student Signature

Parent Signature

Date

Vocabulary Words

Battery- one source of electric energy

Circuit- a path which electric currents flow.

Conductor- a material that electric currents pass through easily.

Electric Charge- a positive or negative charge.

Filament- a small coiled wire that glows when electric currents pass through it.





Insulator- a material that electric currents do not pass through easily.

Pole- a place on a magnet where magnetism is the strongest.

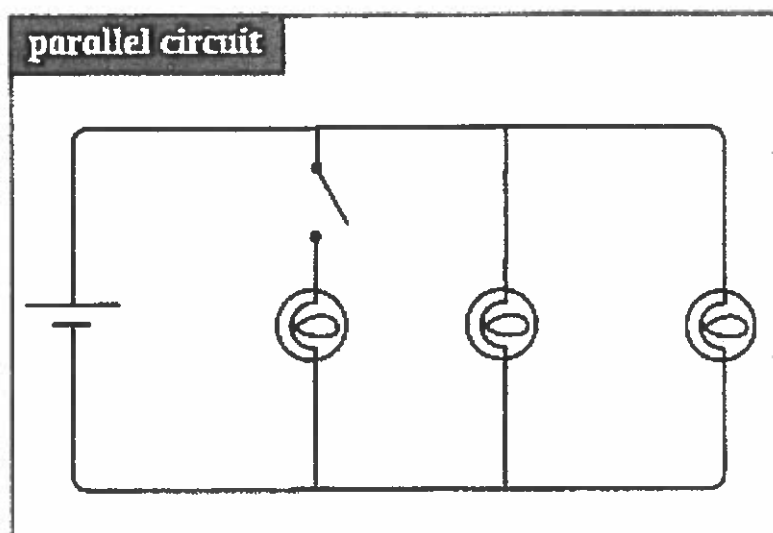
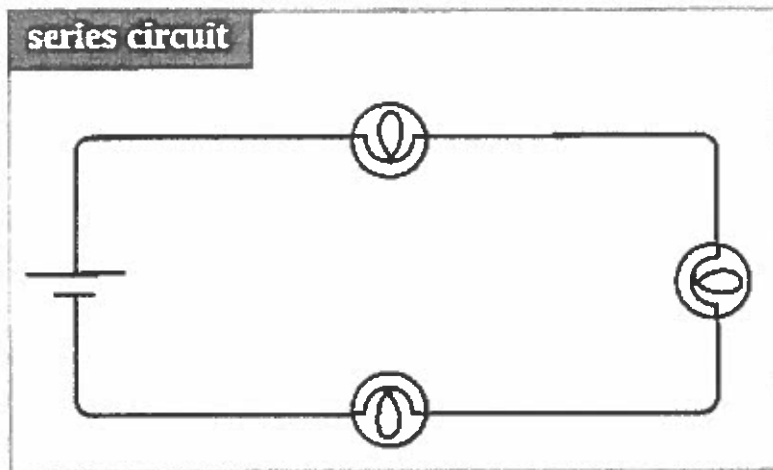
Resistance- the measure of how well electric current flows through a material.

Switch- a device used to stop and start the flow of electric current in a circuit.

Voltage- a push needed to move electric charges.

circuit diagram symbols	
wire	
bulb	
battery	
switch	

Type of Circuits



Electrical Circuits Flashcards

Battery	Insulator
Circuit	Pole
Conductor	Resistance

<p>A material that electric currents do not pass through easily.</p>	<p>One source of electric energy.</p>
<p>A place on a magnet where magnetism is the strongest.</p>	<p>A path which electric currents flow.</p>
<p>The measure of how well electric current flows through a material.</p>	<p>A material that electric currents pass through easily.</p>

Filament

Voltage

Electric Charge

Switch

A push needed to move electric charges.

A small coiled wire that glows when electric currents pass through it.

A device used to stop and start the flow of electric current in a circuit.

A positive or negative charge.