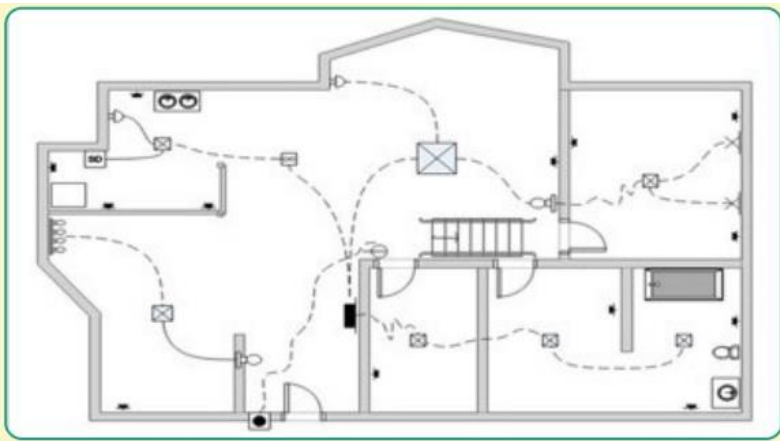




Guía n°7 Noviembre – sistema mixto

Asignatura/Módulo	Inglés
Docente	Guillermo Órdenes
Nombre estudiante	
Curso	Tercero medio _____ ELECTRICIDAD
Fecha de entrega	26 de Noviembre
OA	Oa3: Utilizar su conocimiento del inglés en la comprensión (...) en textos escritos breves y claros, con el fin de construir una postura personal crítica en contextos relacionados con sus intereses e inquietudes.

Lee el texto a continuación y desarrolla las actividades.



What is a House Wiring Diagram?

A wiring diagram is a pictorial representation of an electric circuit, where the elements of the loop and the signal connections between devices and the power source are shown in the conventional methods as simplified shapes.

It is the visual representation or design of the entire electrical wiring system or circuit of a house (or room) that helps

in creating the system. The system distributes energy that can be used to power the various appliances and equipment around the house. This house wiring design and the assistance from a qualified electrical technician will ensure a proper installation and operation of the different elements included in the design such as electrical outlets, meter base, switches and breakers, and more.

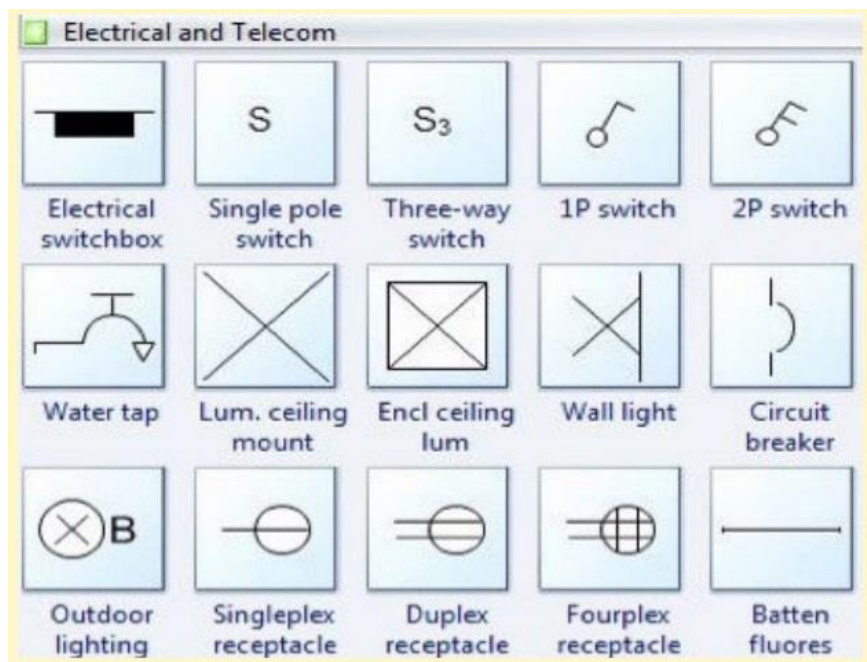
Standard Home Wiring Diagram Symbols

Wiring diagrams use an array of special symbols that represent various circuit elements like switches, bulbs, electric outlets, breakers, smoke detectors, and many more

Some principles of a House Wiring Diagram

While creating a house wiring diagram, one must always keep in mind a few principles.

- Understand the foundations of electricity, how it flows, the positive and negative terminals of a battery and the circuit itself.



- Try to use CAD software such as AutoCAD and SolidWorks to draw and design the diagram. It makes it easy and quick to draw up the planning.
- You need to know what the standard voltages are (220v/50Hz).
- You need to understand the meanings of the various symbols in order to place them accurately in your diagram.
- You need to specify the length and brand of the wires to be used.

I Item: Complete the missing word! Completa la palabra faltante, debes sacarla del mismo texto.

1. _____ is a software program that can be used to draw and design diagrams.
2. When creating a house wiring diagram, you need to specify the _____ and _____ of the wires to be used.
3. A wiring system distributes _____ that can be used to power the various _____ and _____ around the house.

II Item: Answer the questions! Responde las preguntas relacionadas al item anterior.

1. What is a house wiring diagram?

2. Which principles must be considered in a diagram?

3. Which software should you try to use in order to draw a diagram?

III Item: Answer the questions!

1. Why do you need to understand the meanings of the symbols?

2. Which elements are part of the design in a house wiring diagram?

3. How will you ensure a proper installation?

ESCALA DE APRECIACIÓN: AUTOEVALUACIÓN 3° TRIMESTRE INGLES

Dimensión	Indicadores	4	3	2	1	0
Actitud y compromiso	Realicé las actividades con compromiso hacia mi aprendizaje					
	Cumplí con la entrega de guías en los plazos establecidos					
	Mantuve contacto con mi profesor/a las veces que necesité ayuda					
Desempeño	Desarrollé cada guía cuidando que el trabajo fuera bien desarrollado					
	Comprendí los conceptos abordados en las guías que realicé					
Clases virtuales o presenciales	Participé realizando comentarios o preguntas.					
	Cuando el profesor hizo preguntas, respondí o hice algún aporte a la clase.					
No uso del celular.	NO utilicé el celular dentro de la sala de clases. Si alguna vez lo utilicé, lo guardé a penas el profesor me lo indicó.					
Puntaje total 32 puntos	Puntaje obtenido					
<p>4: Logrado completamente/ 3: Logrado mayoritariamente/ 2: Parcialmente logrado/ 1: Escasamente logrado/ 0: No demostrado</p>						