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WEEK: 11

LESSON PLAN

Subject: Applied Technology	Year/Level: 13
Lesson 1	Date: 09/08/21
Topic: Motorized Machines and Engines	

Four –Stroke Engines

Main Parts of an Internal Combustion Engine:

Crankcase -Body of the engine to which the cylinder are attached

Valves-To control the inlet and exhaust of internal combustion engine

Spark plug- ignites the air-fuel mixture

Injector -It sprays the fuel into combustion chamber at the end of compression stroke

Manifold-main function of manifold is to supply the air fuel mixture and collects the exhaust gases equally form all cylinder

Camshaft - control the opening and closing of valves at proper timing.

Gudgeon pin or piston pin -connects the piston to connecting rod

ACTIVITY

- Briefly explain the main function of the following parts of a 4-stroke engine

- 1) Cylinder block

- 2) Cylinder head

- 3) Piston

4) Piston ring

5) Connecting rod

6) Crankshaft

7) Injector
