

# LESSON PLAN

School | SMA MONTESSORI  
Subject | Chemistry

Grade/Semester/Term | 11/1/1  
Academic Year | 2020/2021  
Time | 5 Meeting/s

## Unit 1. Hydrocarbon

### LEARNING OBJECTIVES

- Student are able to determine the peculiarities of carbon atoms
- Student are able to analyzing C atom types based on the number of C atoms bound to the carbon atom chain (primary, secondary, tertiary and quaternary C atoms)
- Student are able to determine the general formula of Alkanes, alkenes and alkenes based on the analysis of its structural formula
- Student are able to discuss IUPAC rules for naming alkanes, alkenes and alkenes
- Student are able to discuss the notions of isomers (skeletal isomers, positions, functions, geometry)
- Student are able to predicting isomers of hydrocarbon compounds
- Student are able to analyzing the reaction of hydrocarbon compounds

### ACTIVITY

Presentation about Carbon peculiarities, alkanes (meeting 1)  
Presentation about alkene & alkenes (meeting 2)  
Exercise on isomers (meeting 3)  
Discussion about implementation of Hydrocarbon (meeting 4)  
Writing Test and Presentation PPT

### ASSESSMENT

Attitude : Team work, time management, Presentation on Video Conference  
Knowledge : Writing Quiz  
Skill : Team work observation

Acknowledged by,  
Principal

Dra. YF Mutiara Mira

Sleman, 03 July 2020  
Teacher

Jatmiko Budhi Prakosa, S.Pd.