



Ala-ud-Din Academy Girls High School (ALDA)

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Weekly Planner for Class 9 Science

Tasks for Engaging Students

For 2nd Week of April 2020

13-04-2020 to 17-04-2020

English

Chapters	Topics
Chapter 3 Media and its Impact	<ul style="list-style-type: none">• Media and its Impact video (Video & Assessments)• Active and Passive voice. (Video & Assessments)• Adverbs (Video & Assessments)• Media and its Impact (Crosswords)

Biology

Chapters	Topics
Chapter 4 Cell size and surface area to volume ratio – Exocytosis	<ul style="list-style-type: none">• Calculate and relate surface area to volume ratio (Video)• Transport in cell (Diffusion and osmosis) (Video)• Compare passive transport with active transport (Video)• Compare diffusion, facilitated diffusion, osmosis, endocytosis and exocytosis (Video & Assessments)

Physics

Chapters	Topics
Physical Quantities and Measurement	Calculate scientific notation in measurement (Video & Assessments)
Kinematics	Understand speed-time graphs and solve problems (Video & Assessments)
Kinematics	Derive equations of motion for a body moving with a uniform acceleration in a straight line (3P) (Video)
Dynamics	Describe balanced and unbalanced forces to state and explain Newton's laws of motion and inertia (FS) (Video & Assessments)

Chemistry

Chapters	Topics
Chapter 5 (Physical States of Matter)	<ul style="list-style-type: none">• Discuss the pressure and volume changes in gas using Boyle's Law (Video & Assessments)• Discuss the temperature and volume changes in gas using Charle's Law. (Video & Assessments)

Mathematics

Chapters	Topics
Unit 2 Real and Complex Numbers	Exercise # 2.1, Exercise # 2.2, Exercise # 2.3 <ul style="list-style-type: none">• Real Numbers (Video & Assessment)• Properties of real numbers of equality under addition and multiplication. (Video & Assessment)• Properties of real numbers for inequality (Video & Assessment)• Radicals & Radicands (Part 1 & 2) (Video & Assessment)• Transform an expression between radical form and exponential form (Assessment)

Note:

Assessments of all subjects must be done till 18th April, 2020.