



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

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## Weekly Planner for Class 9 Science

### Tasks for Engaging Students

For 3rd Week of April 2020

20-04-2020 to 24-04-2020

## English

Chapters	Topics
<b>Chapter 4 HAZRAT ASMA (R.A)</b>	<ul style="list-style-type: none"><li>• Introduction</li><li>• Words and Meanings with Translation</li><li>• Prepositions</li><li>• Articles</li></ul> <b>Video Presentation</b> <ul style="list-style-type: none"><li>• Hazrat Asma (R.A)</li><li>• The Use of Articles</li><li>• Types of Prepositions.</li></ul> <b>Assessments</b> <ul style="list-style-type: none"><li>• Comprehension Assessment</li><li>• Vocabulary and Phrase Assessment</li><li>• Grammar Assessment</li></ul>

## Physics

Chapters	Topics
<b>Chapter 4</b> <b>(The turning effect of forces)</b>	<ul style="list-style-type: none"> <li>• Moments (FS) (Video)</li> <li>• Define equilibrium and describe its states and types with examples (3P) (Video &amp; Assessment)</li> <li>• Define centre of mass and centre of gravity of a body and describe COM of symmetrical objects (3P) (Video)</li> <li>• Describe resolution of forces into its perpendicular components &amp; determine their magnitude (Video &amp; Assessment)</li> </ul>

## Chemistry

Chapters	Topics
<b>Unit 5</b> <b>(Physical States of Matter)</b>	<p><b>From Book:</b></p> <p>Typical Properties of Liquid state</p> <ul style="list-style-type: none"> <li>• Evaporation</li> <li>• Vapour Pressure</li> <li>• Boiling point</li> <li>• Freezing Point</li> <li>• Diffusion</li> <li>• Density (Page # 84–89)</li> </ul> <p><b>Assessments</b></p> <ul style="list-style-type: none"> <li>• Explain the properties of liquid and the factors that affect them.</li> <li>• Explain the effect of temperature and external pressure on the vapour pressure and boiling point of liquids</li> </ul>

# Biology

Chapters	Topics
<b>Chap # 4 Animal tissues complete</b>	<ul style="list-style-type: none"><li>• Major categories of animal tissues (Video)</li><li>• Compare major animal tissues (Assessment)</li></ul>

# Mathematics

Chapters	Topics
<b>Unit # 2 Real And Complex Numbers</b>	<b>Exercise # 2.4, Exercise # 2.5 (Q # 1, 2, 3)</b> <b>Video Presentation</b> <ul style="list-style-type: none"><li>• Apply the laws of exponents to simplify expressions with real exponents (Part 1, 2 &amp; 3)</li><li>• Adding Complex numbers</li><li>• Subtracting Complex Numbers</li></ul> <b>Assessment</b> <ul style="list-style-type: none"><li>• Apply the laws of exponents to simplify expressions with real exponents.</li><li>• Addition/Subtraction on complex numbers</li></ul>

## Note:

Assessments of 2nd week of April must be submitted with 3rd week assessments. Due date for both Assessments (2<sup>nd</sup> and 3<sup>rd</sup> weeks) is 26<sup>th</sup> April'20.