

ARISTOTLE WORLD SCHOOL, ETAWAH
SUMMER ASSIGNMENTS
CLASS: 12- A

SUBJECT	ASSIGNMENTS	
ENGLISH	Project File: Students are required to prepare a creative and informative project file by choosing a topic of their own choice related to the NCERT books Flamingo and Vistas	
PHYSICS	1. Make a project file on the topic given in class. 2. make a hand book of formulae and short note.	3. Solve NCERT exemplar problem of Chapter 1 and 2. 4. Make a working model or beautifully designed chart paper as per your choice related to Physics,
CHEMISTRY	1. Prepare 1 case-based questions from each chapter 2. Learn and write CBSE previous year questions of all types with answers (2 Chapters).	3. Complete the plan & procedure for Investigatory project (practical). Keep the soft copy ready
MATHS	Write the following projects in math's activity copy elaborately with colourful work: (At least 1000 words for each project)	Topic list 1. Fibonacci sequence: Its' history and presence in nature. 2. Testing the validity of mathematical statements and framing truth tables.
BIO	<p>Chapters Covered:</p> <ol style="list-style-type: none"> 1. Sexual Reproduction in Flowering Plants 2. Human Reproduction <p>SUMMER VACATION ASSIGNMENT</p> <p>Instructions:</p> <ul style="list-style-type: none"> • Complete all work neatly in a separate Biology notebook. • Draw neat labelled diagrams. • Learn NCERT definitions and important terms. • Practice diagrams regularly for board exams. • Write answers in proper points and headings. <p>Diagram Practice</p> <p>Draw and label:</p> <ul style="list-style-type: none"> • Structure of anther • Mature embryo sac • Structure of pollen grain • L.S. of flower <p>Draw and label:</p> <ul style="list-style-type: none"> • Human male reproductive system • Human female reproductive system • Structure of sperm • Structure of ovum 	<p>PART – B: BOARD ORIENTED PRACTICE</p> <p>NCERT Based Work</p> <ul style="list-style-type: none"> • Learn all NCERT headings and keywords. • Write all important definitions separately. • Solve all NCERT back exercise questions. <p>PYQ Practice (2022–2025 Pattern)</p> <p>From each chapter solve:</p> <ul style="list-style-type: none"> • 20MCQs • 10 Assertion–Reason questions • 5 Case-study questions • 10 Short answer questions • 10 Long answer questions <p>PART – C : ACTIVITY WORK</p> <p>Activity 1 Make a colorful chart on: “Double Fertilization in Flowering Plants”</p> <p>Activity 2 Prepare handwritten revision summary of both chapters .</p>

