



CLASS - XI -DIWALI Assignments (2025)

Subject	Topic/Activity
Chemistry	1. Make a chart/model showing the discovery of Electron, Proton and Neutron.
	- Which experiments led to the discovery of these particles and what were their main observations?
	2. Activity: Represent an atom of Hydrogen, Helium and Oxygen using coloured ball or paper for subatomic particles.
Biology	1. Perform an activity to show the action of Salivary Amylase on Starch.
	2. What happened when boiled saliva is used instead of fresh saliva? Why?
	3. How are Villi structurally adapted for absorption of nutrients?
Mathematics	What is the real life significance of Complex number and Quadratic equation? Write the application and use of complex number and quadratic equation in day-to-day life.
Physics	1. Derive an expression for collision in one dimension, and two dimension motion with Elastic and Inelastic collision.
English	1. Make a travelogue/documentary while you are with your family.
	2. Write an article on the "The happiness of giving and charity" / "Role of self-awareness" in about 200 words.
	3. Summarise in about 120-150 words on "Mother's Day".