Indian School Al Wadi Al Kabir
Department of Science 2025 – 26

Holiday Home Assignment – PHYSICS Class XI

DATE OF SUBMISSION
AUGUST 11, 2025 (Monday)

1.Art-Integrated Projects:

Instructions:

- The project will be done individually.
- Kindly upload the images of your project in the link given below.

https://drive.google.com/drive/folders/1E37fmobIXdLbt9I42cU6kMFso4L0pTAC?usp=drive_link

- Kindly name the file as: **Name_GR no._Class & Section**.
  Eg: Ravi_1234_11 A.
- The topics for the project are given in the next slide.
- Evaluation criteria: Originality, Presentation, Content, Creativity, Punctuality.

2. Physics journal work:

- Write all the experiments which have been completed, in your journal.

(Diagram & tabular column on LHS and text on the RHS.)

Topics are:

- **Interactive Physics Poster with QR Codes:**

Design a poster that explains a physics concept through illustrations and diagrams. Integrate QR codes that link to short explanatory videos or animations.

- **Physics-Themed Comic Strip or Graphic Novel:**

Create a comic strip or graphic novel where characters encounter and solve physics-related problems, such as using lenses to focus light or applying magnetic fields.

- **Interactive Physics Concept Poster:**

Design a large, interactive poster that visually explains a physics concept, such as Newton's Laws, the Law of Conservation of Energy, or Light and Optics. Use colorful illustrations, diagrams, and arrows to make the physics concept easy to understand

- **Interactive Physics Book: “The Physics of Everyday Objects”:**

Create a small interactive book or flipbook that explains how physics works in everyday objects (e.g., how a car engine works, how a bicycle moves, or how light travels through a window). Each page can illustrate a different object or phenomenon and explain the physics behind it.

- **Physics in Architecture – Structures and Stability:**

Create a model of a historical or famous structure (like the Eiffel Tower, Leaning Tower of Pisa, or Indian temples) and explain the physics behind its stability, balance, and distribution of forces.

- **The Science of Rangoli Symmetry:**

Create a **vector-based rangoli** design using arrows and direction to represent physical quantities like displacement, velocity, and force vectors.

Thank you