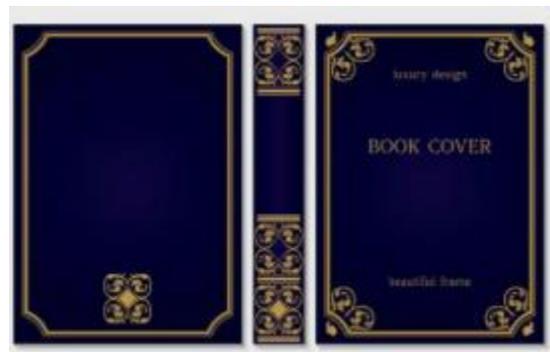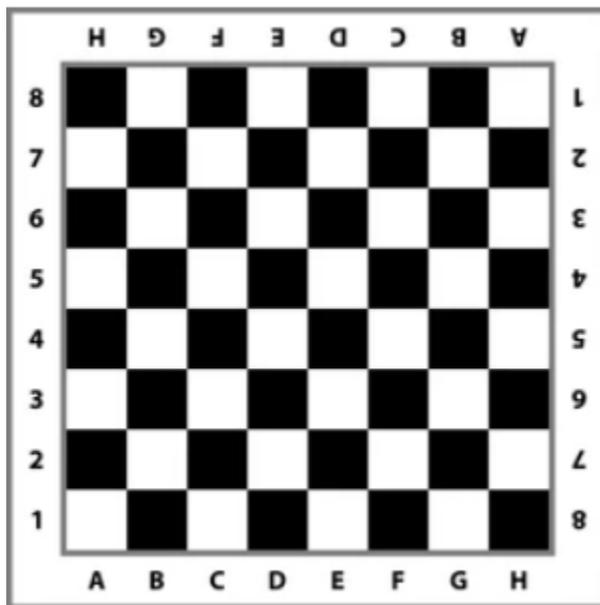# Teaching Idea

EdINDIA™

Applying Area to Real-Life Objects

Objectives:

1. Students will apply area formulas to real-life contexts.
2. Students will compare and calculate areas of rectangular and square surfaces.
3. Students will reinforce understanding by solving word problems.

Steps:

1. Show real objects:
   - A **book cover** as an example of a rectangle.
   - A **chessboard** or **square tile** as an example of a square.
2. Ask: *"How can we calculate the surface area of these objects without counting small squares?"*
3. Guide them:
   - Book cover: Measure or assume length = 20 cm, breadth = 15 cm → Area = 300 cm².
   - Chessboard: Side = 30 cm → Area = 900 cm².
4. Compare: *"Which has greater area: book cover or square tile? By how much?"*
5. Assign real-life word problems:
   - Find the area of your math notebook cover.
   - Calculate the surface area of a square window pane.
   - Compare two surfaces: classroom blackboard vs. door panel.