SAINIK SCHOOL GOPALGANJ
CLASS –VIII
SUB: MATHEMATICS

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Complete any four of the following projects in your note book:

1. Make different types of prisms and pyramids and verifying Euler's formula.
2. Verify the algebraic identities $(a + b)^2 = a^2 + b^2 + 2ab$.
3. Verify the algebraic identities $(a - b)^2 = a^2 + b^2 - 2ab$.
4. Obtain the formula for the area formula of trapezium and maintain in your copy.
5. Form a cuboid and obtain the formula of its surface area.
6. Obtain the formula for the curved surface area of right circular cylinder and maintain the same in your copy.
7. Verify that the adjacent angles of parallelogram are supplementary.