

**ARMY PUBLIC SCHOOL BINANGURI**  
**SYLLABUS FOR ENTRANCE TEST 2024-25**  
**CLASS-VIII**

**SUBJECT: MATHS**

- Integers
- Fractions and Decimals
- Linear Equations
- Perimeter and Area
- Triangle and its properties
- Congruency of triangles
- Power and Exponents
- Rational Number
- Comparing Quantities, Algebraic expressions

**SUBJECT: ENGLISH**

Integrated Grammar

- Voice (Active and passive voice) , Tenses
- Direct & Indirect Speech
- Unseen passage
- Notice- Writing
- Article (Creative Writing)
- Letter

**SUBJECT: HINDI**

- अपठित गद्यांश और पद्यांश आधारित प्रश्न |
- पत्र - औपचारिक और अनौपचारिक पत्र |
- संधि (स्वर संधि), संज्ञा, विशेषण, क्रिया विशेषण, लिंग बदलना, उपसर्ग-प्रत्यय, पर्यायवाची |
- अनुच्छेद लेखन ,विज्ञापन लेखन|
- संवाद लेखन|

**SUBJECT: SCIENCE**

- Nutrition in plants –Photosynthesis, heterotrophic mode of nutrition.
- Acid, bases and salt- Types & properties of acids & bases, indicators.
- Electric circuit & current- Components of electric circuit, electromagnet.
  
- Physical and chemical changes
- Electric current and its effects
- Respiration in organisms
- Transportation in animals and plants.