

NATIONAL PUBLIC SCHOOL, KENGERI, BENGALURU**ENTRANCE EXAMINATION: 2027-28
GRADE-8**

Subject	Portions
English	Comprehension Passage Grammar: 1. Articles 2. Question Tag 3. Passive and Active Voice 4. Infinitive & Gerunds 5. Tenses 6. Direct and Indirect Speech Writing Skill: 1. Narrative Essay 2. Letter to Editor
II Language	Kannada ವರ್ಣಮಾಲೆ, ಗುಣಿತಾಕ್ಷರ ಸಂಯುಕ್ತಾಕ್ಷರ, ವಿಭಕ್ತಿ ಪ್ರತ್ಯಯ, ಲಿಂಗಗಳು, ವಚನಗಳು, ಸಮಾನಾರ್ಥಕ ಪದಗಳು, ವಿರುದ್ಧಾರ್ಥಕ ಪದಗಳು, ಲೇಖನ ಚಿಹ್ನೆಗಳು, ನಾಮ ವಾಚಕಗಳು, ಕಾಲಗಳು, ದ್ವಿರುಕ್ತಿ, ಜೋಡುನುಡಿ, ಅನುಕರಣಾವ್ಯಯ, ತತ್ಸಮ ತದ್ಭವ, ಕ್ರಿಯಾ ಪದಗಳು, ಸಂಧಿಗಳು, ಪತ್ರ ಲೇಖನ, ಪ್ರಬಂಧ, ಟಿಪ್ಪಣಿ, ಗಾದೆಗಳು. Hindi रचनात्मक कार्य: अपठित गद्यांश, पत्र लेखन, अनुच्छेद लेखन व्याकरण: कारक, विशेषण, काल, क्रिया, सर्वनाम, क्रिया विशेषण, समुच्चयबोधक
Mathematics	Arithmetic: Fractions, Decimals, Percentage, Exponents Algebra: Algebraic Expressions, Linear equations in one variable Geometry: Properties of parallel lines and triangles, Congruence of triangles, Perimeter and Area.
Science	1) Electric Current and Its Effects: Electric current, heating, magnetic, and chemical effects of electric current. Explore applications like electric appliances. 2) Light: Understand light's nature and properties of reflection and refraction, Applications of mirrors and lens 3) Physical and chemical changes: Introduction, Physical and chemical change, crystallization, chemical reaction, rusting 4) Acids, Bases and Salts: Introduction, Definition of acids and bases, Indicators, Neutralisation reaction. 5) Transportation in plants and animals: Circulatory system, Blood, Blood vessels, Heart, Excretory system in humans, Transport of substances in plants, Transpiration. 6) Respiration in organisms: Aerobic and anaerobic respiration, Breathing, Respiration in plants and animals.
