



**2026 - 27 ENTRANCE EXAMINATION SYLLABUS**

**SYLLABUS - MATRIC**

<b>GRADE 7 TO 8</b>		<b>Maximum marks</b>
<b>ENGLISH</b>	<ul style="list-style-type: none"><li>• READING COMPREHENSION</li><li>• LETTER WRITING [FORMAL]</li><li>• STORY WRITING</li><li>• GRAMMAR: TENSES, MODALS, DETERMINERS</li><li>• REPORTED SPEECH, SUBJECT VERB AGREEMENT</li></ul>	<b>20 marks</b>
<b>TAMIL</b>	<ul style="list-style-type: none"><li>• திருக்குறள்</li><li>• பத்தி படித்து விடையளி</li><li>• படம் பார்த்து விடையளி</li><li>• வருணித்து எழுதுக</li><li>• குற்றியலுகரம், குற்றியலிகரம்</li><li>• நால்வகைக்குறுக்கங்கள்</li><li>• பகுபதம், பகாப்பதம்</li><li>• கடிதம்</li></ul>	<b>20 marks</b>
<b>MATH</b>	<ul style="list-style-type: none"><li>• <b>NUMBER SYSTEM</b> - (+, -, *, /) OF INTEGERS, &amp; STATEMENT PROBLEMS, REPRESENTING A DECIMAL NUMBER, FRACTIONS AND DECIMALS, COMPARISON OF DECIMALS REPRESENTING DECIMAL NUMBERS ON THE NUMBER LINE</li><li>• <b>MEASUREMENTS</b> - AREA OF PARALLELOGRAM, RHOMBUS &amp; TRAPEZIUM,</li><li>• <b>ALGEBRA</b>- TERMS AND CO-EFFICIENT, LIKE AND UNLIKE TERMS, VALUE OF AN ALGEBRAIC EXPRESSION, ADDITION AND SUBTRACTION OF ALGEBRAIC EXPRESSIONS, SIMPLE LINEAR EQUATIONS.</li><li>• <b>GEOMETRY</b> - PAIR OF ANGLES FORMED BY INTERSECTING LINES, TRANSVERSAL.</li></ul>	<b>20 marks</b>

## GRADE 7 TO 8

SCIENCE

**MEASUREMENT** - FUNDAMENTAL & DERIVED UNITS,  
MEASURING AREA & VOLUME OF REGULAR SHAPED &  
IRREGULAR SHAPED OBJECTS, DENSITY OF SOLIDS &  
LIQUIDS, ASTRONOMICAL UNIT & LIGHT YEAR.

**FORCE AND MOTION** - DISTANCE, DISPLACEMENT, SPEED, VELOCITY, ACCELERATION, DISTANCE - TIME & VELOCITY - TIME GRAPHS, SPEED-NUMERICAL, USES OF CENTRE OF GRAVITY AND STABILITY

**MATTER AROUND US** - ATOMS, MOLECULES, ELEMENTS, COMPOUNDS, CHEMICAL FORMULAE, ATOMICITY, EFFECT OF TEMPERATURE ON SOLID, LIQUID AND GAS

**ATOMIC STRUCTURE** - ATOMIC THEORIES, SUB-ATOMIC PARTICLES, ATOMIC NUMBER AND MASS NUMBER, VALENCY

**REPRODUCTION AND MODIFICATION IN PLANTS** - SEXUAL REPRODUCTION, PARTS OF FLOWER, TYPES OF FLOWER, POLLINATION, FERTILIZATION, ASEXUAL REPRODUCTION, MODIFICATIONS OF PLANT PARTS

**HEALTH AND HYGIENE** - PERSONAL AND COMMUNITY HYGIENE, CARE OF THE BODY, DISEASE CAUSED BY BACTERIA AND VIRUS, COMMUNICABLE AND NON-COMMUNICABLE DISEASES, BASIC CLEANLINESS AND PROTECTION

**HEAT AND TEMPERATURE** - TEMPERATURE, TEMPERATURE UNITS, MEASURING TEMPERATURE, THERMOMETERS, TYPES OF THERMOMETERS, SCALES OF THERMOMETERS NUMERICAL PROBLEMS

20 marks