Pre-school:

English

🔹 Core English Language Skills for Preschoolers

1. Listening Skills

* Recognizing common sounds and songs.
* Following short and simple instructions (e.g., Sit down, Stand up).

2. Speaking Skills

* + Pronouncing basic words (colors, numbers, animals, family members).
  + Using greetings and simple daily expressions (Hello, How are you?).

3. Pre-Reading Skills

* + Recognizing English alphabet letters and their basic sounds (phonics).
  + Matching pictures with words (e.g., cat 🐱 = “cat”).

4. Pre-Writing Skills

* + Correctly holding a pencil or crayon.
  + Tracing letters and shapes with dotted lines.

Math :

Preschool Math Skills Framework with Activities:

1.Number Sense

* Recognize numbers 1–10 (later 1–20).
* Count objects correctly (1-to-1 correspondence).

2. Shapes and Geometry

* Identify basic 2D shapes (circle, square, triangle, rectangle).
* Explore simple 3D objects (ball = sphere, box = cube).

3.Measurement & Comparison

* Understand big vs. small, tall vs. short, heavy vs. light.
* Compare lengths using hands or objects.

4. Patterns & Sorting

* Recognize and copy simple patterns (red-blue-red-blue).
* Sort objects by color, size, or type.

5. Spatial Awareness

* Use words like in, on, under, next to, behind.
* Understand directions (up, down, left, right).

6. Early Problem Solving

* Use counting to solve daily problems (How many apples do we need?).
* Match quantities with numbers (4 blocks = number 4).

اللغة العربية

مهارات اللغة العربية لأطفال الروضة العمر ( 4-6 )

1. مهارات الاستماع

* الاستماع القصص القصيرة وفهم أحداثها.
* متابعة التعليمات البسيطة (اجلس – قف – صفّق).

🟢 2. مهارات التحدث

• استخدام التحيات والجمل القصيرة (صباح الخير – كيف حالك؟).

• ترديد الأناشيد والأغاني البسيطة.

🟢 3. مهارات ما قبل القراءة

• التعرّف على الحروف العربية وأصواتها.

• مطابقة الصور بالكلمات (قطة – صورة قطة).

🟢 4. مهارات ما قبل الكتابة

• إمساك القلم بطريقة صحيحة.

• تتبع الحروف أو الأشكال بخطوط منقطة.

Stage 1 (G1 -G3)

English :

Primary Stage English Skills Framework:

1. Listening Skills

• Understand classroom instructions (Open your book, Listen carefully).

• Follow short stories, conversations, and songs.

🟢 2. Speaking Skills

• Use simple sentences to express needs and ideas.

• Engage in short dialogues (asking and answering questions).

🟢 3. Reading Skills

• Recognize and read sight words and high-frequency vocabulary.

• Read short passages and answer comprehension questions.

🟢 4. Writing Skills

• Write letters and short words correctly.

• Form complete simple sentences with correct punctuation.

• Write short paragraphs about familiar topics (My family, My school).

🟢 5. Vocabulary Development

• Learn topic-based words (animals, school, food, environment, feelings).

• Use word families (play–player–playing).

🟢 6. Grammar & Structure

• Sentence structure: Subject + Verb + Object.

• Tenses: Present simple, Present continuous, Past simple (upper grades).

• Questions and short answers (Do you like apples? – Yes, I do).

🟢 7. Study & Communication Skills

• Listening and responding in group work.

• Reading instructions and following them.

Math:

1. Numbers & Operations

* Recognize, read, and write numbers up to thousands.
* Understand place value (ones, tens, hundreds).
* Perform basic operations: addition, subtraction, simple multiplication & division.

2. Geometry & Measurement

* Identify basic shapes (circle, square, rectangle, triangle).
* Understand length, weight, and capacity using standard and non-standard units.

3. Patterns & Algebra

* Identify and extend simple patterns.
* Understand basic comparison (greater than, less than).

Science :

1. Life Science

* Identify plants, animals, and their basic needs.
* Understand parts of the human body and five senses.
* Recognize living vs. non-living things.

2. Physical Science

* Explore states of matter (solid, liquid, gas).
* Understand motion (push, pull, speed up, slow down).
* Identify light, sound, and simple machines.

3. Earth & Space Science

* Recognize day/night and seasons.
* Identify weather patterns.
* Learn basic facts about the sun, moon, and Earth.

اللغة العربية :

1. **مهارات الاستماع**

* الاستماع إلى نصوص وقصص قصيرة وفهم الفكرة العامة منها.
* متابعة التعليمات المتدرجة (افتح الكتاب – اكتب الجملة – اقرأ الفقرة).

1. **مهارات التحدث**

* استخدام جمل كاملة للتعبير عن احتياجاته وأفكاره.
* وصف أحداث يومية أو مواقف بسيطة بترتيب منطقي (ذهبتُ – رأيتُ – لعبتُ).

1. **مهارات القراءة**

* التعرف على الحروف بأشكالها المختلفة في أول ووسط وآخر الكلمة.
* قراءة كلمات وجمل بسيطة بشكل صحيح.

1. **مهارات الكتابة**

* كتابة الحروف والكلمات بخط واضح ومقروء.
* تكوين جمل قصيرة صحيحة نحويًا.

Stage 2( G4-G6)

English :

1. Listening Skills

* Understand longer classroom instructions and directions.
* Follow short stories, audio texts, and classroom conversations with some detail.
* Identify the main idea and supporting details in spoken texts.

2. Speaking Skills

* Speak in complete sentences with improved accuracy.
* Take part in role-plays, interviews, and short discussions.
* Use linking words (and, but, because) in speech.

3. Reading Skills

* Read short stories, informational texts, and dialogues with understanding.
* Answer “wh-” questions (who, what, when, where, why).
* Identify topic, main idea, and supporting details.

4. Writing Skills

* Write short descriptive and narrative paragraphs.
* Use linking words to join sentences (then, next, finally).
* Write letters, notes, and simple messages.
* Apply correct punctuation (., ? , ! , commas in lists).

5. Vocabulary Development

* Expand to 2000–2500+ words across topics (family, hobbies, culture, science, daily life).
* Use collocations (make a cake, do homework, go shopping).

6. Grammar & Structure

* Tenses: Present simple, Present continuous, Past simple, Future (will/going to).
* Form questions and answers using auxiliaries (Did you…? Can you…?).
* Use comparatives and superlatives (better, the best).

7. Study & Communication Skills

* Work collaboratively in pairs/groups with simple tasks.
* Plan and organize ideas before writing or speaking.
* Read and follow written instructions independently.

Math :

1. Numbers & Operations

* Work with whole numbers up to millions.
* Master four operations with multi-digit numbers.
* Understand fractions and decimals, compare and order them.
* Apply operations to solve word problems.

2. Geometry & Measurement

* Classify 2D and 3D shapes by properties.
* Calculate perimeter, area, and volume of simple figures.

3. Patterns & Algebra

* Understand factors, multiples, prime/composite numbers.
* Work with simple equations and expressions.
* Recognize numerical and geometric patterns.

Science :

1. Life Science

* Understand ecosystems, food chains, and adaptations.
* Explore human body systems (circulatory, digestive, respiratory).
* Learn about plant reproduction and growth.

2. Physical Science

* Study properties of matter and mixtures.
* Understand energy forms (light, heat, electricity).
* Explore simple forces and motion.

3. Earth & Space Science

* Learn about rocks, minerals, and the water cycle.
* Understand Earth’s rotation and revolution.

اللغة العربية:

**مهارات الاستماع**

* الاستماع إلى نصوص وقصص أطول واستخراج الفكرة الرئيسة والأفكار الفرعية.
* التمييز بين المعلومات المباشرة والاستنتاجية في النص المسموع.

**مهارات التحدث**

* التعبير عن أفكاره بجمل مترابطة وبلغة سليمة.
* سرد قصة أو موقف بتسلسل منطقي وباستخدام أدوات الربط.

**مهارات القراءة**

* قراءة نصوص أدبية ومعلوماتية بطلاقة وفهمها.
* التعرف على مرادفات وأضداد الكلمات الجديدة من خلال السياق.
* تحديد الفكرة الرئيسة والتفاصيل الداعمة في النصوص.

**مهارات الكتابة**

* كتابة فقرة مترابطة (5–7 جمل) عن موضوع محدد.
* استخدام علامات الترقيم بشكل صحيح.
* إعادة صياغة نص بأسلوبه الخاص مع الحفاظ على الفكرة.

**مهارات داعمة**

Stage 3( G7-G9)

English :

1. Listening Skills

* Understand longer spoken texts (stories, podcasts, classroom lectures).
* Identify main ideas, supporting details, and speaker’s attitude/opinion.
* Follow multi-step instructions in academic and real-life contexts.

2. Speaking Skills

* Participate in discussions, debates, and role-plays with confidence.
* Express opinions clearly and justify them with reasons/examples.
* Use appropriate language for formal and informal situations.

3. Reading Skills

* Read a range of texts: fiction, non-fiction, articles, and short literature.
* Identify main ideas, details, and author’s purpose.
* Infer meaning from context and recognize implied ideas.

4. Writing Skills

* Write paragraphs/essays.
* Organize ideas into introductions, body paragraphs, and conclusions.
* Use linking words and cohesive devices (however, therefore, in addition).

5. Vocabulary Development

* Learn phrasal verbs (look after, give up, turn on).
* Use synonyms/antonyms to improve variety in expression.
* Recognize word families and affixes (un–, re–, –tion, –able).

6. Grammar & Structure

* Master tenses: all simple, continuous, perfect (present/past/future).
* Use passive voice in different contexts.
* Practice reported speech (statements, questions, commands).
* Use relative clauses (who, which, that, where).

7. Study & Communication Skills

* Work independently and collaboratively on projects and presentations.
* Take notes, summarize, and paraphrase effectively.
* Use English for problem-solving and critical thinking.

Math:

1. Numbers & Operations

* Work with integers, rational numbers, and real numbers.
* Apply ratios, proportions, and percentages.
* Simplify and evaluate algebraic expressions.

2. Algebra & Functions

* Solve linear equations and inequalities.
* Plot points and draw linear graphs on the coordinate plane.
* Recognize functions and relationships.

3. Geometry & Measurement

* Study properties of parallel lines, triangles, and circles.
* Use the Pythagorean theorem.
* Calculate area, surface area, and volume of complex figures.

4. Data & Probability

* Represent and analyze data using histograms, scatter plots, and box plots.
* Calculate mean, median, mode, and range.
* Understand theoretical vs. experimental probability.

Science :

1. Life Science (Biology)

* Study cell structure and functions.
* Explore heredity, genetics, and classification of living things.
* Understand ecology and environmental interactions.

2. Physical Science (Chemistry & Physics Basics)

* Atomic structure, elements, compounds, mixtures.
* Laws of motion, force, work, and energy.
* Simple chemical reactions (combustion, acids/bases).

3. Earth & Space Science

* Study plate tectonics, earthquakes, and volcanoes.
* Learn about atmosphere, weather, and climate.
* Explore galaxies, stars, and space exploration.

اللغة العربية :

**. مهارات الاستماع**

* الاستماع لنصوص أدبية ومقاطع إذاعية أو مقاطع فيديو تعليمية وتحليل محتواها.
* التمييز بين الأفكار الرئيسة والتفاصيل الثانوية.
* إدراك الهدف من النص (إقناعي – وصفي – إخباري).

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**. مهارات التحدث**

* التعبير عن الرأي بوضوح مدعوم بالأدلة.
* المشاركة في نقاشات جماعية مع الالتزام بآداب الحوار.

**. مهارات القراءة**

* قراءة نصوص متنوعة: أدبية (شعر – قصة – مقال) وعلمية (مقالات – تقارير).
* تحليل النص من حيث الفكرة الرئيسة والأفكار الجزئية.

**. مهارات الكتابة**

* كتابة مقالات قصيرة (3–4 فقرات) تعبر عن فكرة محددة.
* تلخيص النصوص بلغة الطالب الخاصة.

**مهارات داعمة**

* المفردات: توسيع الحصيلة اللغوية بمفردات فصيحة واصطلاحات جديدة.
* التفكير التحليلي: ربط النصوص بالقيم والمفاهيم الاجتماعية.
* الإلقاء والثقة: تدريب الطالب على إلقاء الشعر أو تقديم العروض أمام زملائه

Stage 4( G10-G12)

English :

1. Listening Skills

* Understand extended lectures, debates, news reports, and podcasts.
* Identify main ideas, supporting arguments, and implied meanings.
* Recognize bias, tone, and attitude in spoken texts.

2. Speaking Skills

* Deliver structured presentations with clarity and confidence.
* Participate in debates and group discussions, defending a point of view.
* Use persuasive and formal language appropriately.
* Express complex opinions, emotions, and abstract ideas.

3. Reading Skills

* Read and analyze authentic texts: articles, essays, literature, research extracts.
* Identify thesis, arguments, evidence, and rhetorical devices.
* Evaluate reliability and bias in texts.

4. Writing Skills

* Write academic essays (argumentative, persuasive, analytical, narrative).
* Structure writing with thesis statement, supporting paragraphs, and conclusions.
* Use advanced cohesive devices (nevertheless, on the other hand, consequently).

5. Vocabulary Development

* Expand to 5000–6000+ words, including academic, technical, and subject-specific terms.
* Use collocations and idiomatic expressions fluently.
* Apply academic vocabulary (according to, in contrast, as a result, significant).

6. Grammar & Structure

* Master complex tenses and aspects (future perfect, past perfect continuous).
* Use active and passive voice appropriately in academic and formal writing.
* Master reported speech in multiple contexts (formal/informal).
* Apply advanced conditionals and mixed conditionals.

7. Study & Communication Skills

* Conduct independent research using reliable sources.
* Summarize, paraphrase, and synthesize information from multiple texts.
* Apply critical thinking in both spoken and written arguments.
* Use English confidently in academic discussions and oral exams.

Math :

1. Algebra & Functions

* Solve quadratic, exponential, and logarithmic equations.
* Analyze functions (domain, range, transformations).
* Work with polynomials and rational expressions.

2. Geometry & Trigonometry

* Prove theorems and solve problems involving circles and triangles.
* Apply trigonometric ratios and identities.
* Solve real-life problems with trigonometry.

3. Calculus (Introductory)

* Understand limits and continuity.
* Differentiate simple functions and apply derivatives to rate of change.
* Introduction to integration and area under curves.

4. Statistics & Probability

* Interpret data distributions and standard deviation.
* Apply probability rules (independent/dependent events).
* Work with normal distribution and statistical inference basics.

Science :

1. Biology

* Advanced cell biology (DNA, RNA, protein synthesis).
* Genetics, evolution, and biotechnology.
* Human anatomy & physiology in depth.
* Ecology and environmental issues.

2. Chemistry

* Atomic theory, periodic table, and bonding.
* Chemical reactions, stoichiometry, and thermochemistry.
* Acids, bases, and equilibrium.
* Organic chemistry (hydrocarbons, functional groups).

3. Physics

* Kinematics, dynamics, and Newton’s laws.
* Work, energy, and power.
* Waves, sound, and optics.

4. Earth & Space Science

* Advanced geology and environmental science.
* Global warming, renewable energy, and sustainability.
* Astronomy: universe, cosmology, and space technology.

اللغة العربية :

**مهارات الاستماع**

* الاستماع لمحاضرات أو خطب أو مناقشات مطوّلة وتحليلها.
* تمييز الحجج والأدلة في النص المسموع وتقييم قوتها.

**. مهارات التحدث**

* عرض الأفكار بوضوح ومنطق مع استخدام أسلوب الإقناع.
* المشاركة في مناقشات وحوارات فكرية وأدبية بآداب الحوار..

**. مهارات القراءة**

* قراءة نصوص أدبية (شعر جاهلي – معاصر – مقالات – روايات) وتحليلها نقديًا.
* دراسة النصوص البلاغية والقدرة على تحديد الصور البيانية والأساليب.

**. مهارات الكتابة**

* كتابة مقالات تحليلية أو نقدية منظمة (مقدمة – عرض – خاتمة).
* تلخيص نصوص طويلة بلغة دقيقة..