

General Entrance Test Curriculum

This curriculum refers to the broad skills and learning objectives which are assessed at the time of admission at Foundation World School. The topics in various assessment papers are relevant to the local curriculum.

Grade 1:

English: Rhyming words, Basic self-information, Basic sounds, Spelling, Reading unseen passages and answering the questions.

Math: Even and Odd numbers, Addition and subtraction, Comparing numbers, 2D shapes, Word problems about addition and subtraction.

Urdu: Basic reading and writing skills

Grade 2:

English: Verbs, Punctuation, Spelling, Reading unseen passages and answering the questions, writing a brief composition or essay.

Math: Number series, Rounding, Place value, comparing, ordering, doubles and halves, addition and subtraction, word problems, 2D & 3D shapes, Time, Counting on

Urdu: Basic reading and writing skills

Grade 3:

English: Tenses, Vocabulary, Rearranging words, Reading unseen passages and answering the questions, creative writing.

Math: Data handling, Addition, Time, Multiplication, Division, 2D shapes, Subtraction, Fractions, Ordering and comparing.

Urdu: Basic reading and writing skills

Grade 4:

English: Fiction, Nonfiction and Poetry. A thorough understanding of reading and writing skills which may include parts of speech, punctuation mark, opinions, facts, Subject-Predicate, various degrees of adjectives, descriptive writing skills including character sketches in a brief manner, etc.

Math: Place Value, Multiples and Factors, Addition of numbers, Fractions, Ordering and comparing, Addition, Subtraction, Time, Symmetry, Multiplication, Division, Area, Perimeter Word Problems, etc.

Urdu: Basic reading and writing skills.

Grade 5:

English: Fiction, Nonfiction and Poetry. A thorough understanding of reading and writing skills which may include parts of speech, punctuation mark, opinions, facts, Subject-Predicate, various degrees of adjectives, paragraph writing, biography & auto-biography, Change of narration, use and understanding of standard vocabulary, basic figurative language, descriptive writing skills including character sketches in a brief manner, etc.

Math: Rounding of numbers, Multiplication, Addition, Subtraction, Division, Comparing Numbers, Fractions, Number System (Even & Odd), Conversions from Fractions to decimals, Data Handling.

Urdu: Basic reading and writing skills

Grade 6:

Math: Quadrilaterals, Parts of circle, Constructing circles, Identifying symmetry and reflection in shapes, Identifying and describing compound 3D shapes, Measuring angles, Drawing angles, Calculating missing angles in triangle, Converting time intervals, Capacity and volume, Calculating the area of a right-angled triangle, Understand the relationship between area of 2D shapes and surface area of 3D shapes, Count on and back in decimal steps and fractions, Count on and back in steps of whole numbers and fractions from different numbers including negative numbers, Use a number line to add positive and negative numbers, Find the value of unknown values in calculations that are represented by symbols, Find the difference between positive and negative numbers, Understand and find common multiples, Common factors, Test of divisibility by 3, 6 and 9, Cube numbers, Using brackets, Multiplying by 1 and 2 digit by 2 digit numbers, Dividing 2 –digit numbers by 1-digit, Dividing 3-digit numbers by 1-digit numbers, Dividing 2-digit numbers by 2- digit numbers, Dividing 3-digit numbers by 2-digit numbers, Place value and ordering decimals, Place value, ordering and rounding decimals, Fractions as divisions, Simplifying fractions, Comparing fractions with different denominators, Ordering fractions with different denominators, Adding and subtracting of fractions, Multiplying fractions by whole numbers, Dividing fractions by whole numbers, Percentages of shapes, Percentages of whole numbers, comparing percentages, Adding and subtracting of decimals, Multiplying decimals by 1-digit whole numbers, multiplying decimals by 2-digit whole numbers, Dividing one-place decimals by whole numbers, dividing two-place decimals by whole numbers, Direct proportion, Equivalent ratios.

Urdu:

مضامین برائے امتحان داخلہ
اردو زبان کو پڑھنا اور سمجھنا
اردو کے بنیادی الفاظ کے جملے بنانا
فعل کے اقسام
اردو لکھنے کی مہارت
واحد / جمع

English:

Meaning of unfamiliar phrases that are no longer common in modern times, Word origins and derivations including the use of words from other languages, Identify and record significant words and synonyms from texts as required, Explaining the impact of writer's choice of language on readers, Use correct vocabulary to develop imaginative details, Commonly used figurative expressions, Use specialized vocabulary to match a familiar topic, Figurative language and how it widens the meaning of texts, Grammar and Punctuation, Use of punctuation especially colon, semi-colon, ellipses, parenthetic commas, dashes, brackets, and direct/reported speech, Phrases and clauses, Impact of writer's choice on sentence structure and length, Word classes/parts of speech, Use of relative pronouns in texts to show additional details, Active and Passive verb forms, Difference between written and spoken English by comparing narratives and dialogues,

Grammatical features in a text e.g. verb forms, sentence types, use of word class, Reading, Describe and organize progression of ideas in a text, organizing ideas and linking them cohesively across the text e.g. managing flashbacks and presenting events out of chronological order, Use of however and on the other hand to introduce a new paragraph, Key features of text structure in different fictional and non-fictional texts, poems and play scripts, Interpretation of Text, Read, discuss, and compare different fictional genres, poems, plays, and their typical characteristics, Analyze and differentiate between fictional and non-fictional text, Read discuss and compare different range of non-fictional text types, Explicit and implicit meaning of the text (theme), Use evidence to support future predictions in a story, Differentiate between opinion and fact, Comment on the writer's influence on the reaction of readers (characters, setting, mood, Differentiate between texts with a writer's voice and texts with narrator's voice, Appreciation and reflection, Enjoy individual and shared reading of different fictional and non-fictional genres, poems, and plays, Express personal response to text preference in language, style, and themes, Compare and contrast different texts and genres, Speaking and listening, Maintain the appropriate pace and tone, Use language to convey ideas and opinions with clarity, nonverbal communication techniques, Listen, reflect on what is heard and give reasoned response to the speaker, Read aloud with accuracy, confidence and style make choice about the most appropriate media for a particular presentation, Writing (word structure/spelling), Use different ways of representing consonants eg. -ck, -k, -que, -ke, -ch, -tch, etc, Words with different suffixes but similar pronunciation eg. -tion, -sion, -cian, -ance, -ence, Understanding of how to add suffixes and prefixes to the root word and where it changes, Homophones and commonly confused words eg. aloud; allowed, Spellings, rules strategies and exceptions.

Grade 7:

Math:

Adding and subtracting integers, Multiplying and dividing integers, Lowest common multiples. Highest common factors, Tests of divisibility, Square roots and cube roots, Multiplying and dividing by powers of 10, Rounding, Ordering decimals, Adding and subtracting decimals, Multiplying decimals, Dividing decimals, Ordering fractions, Adding mixed numbers, Multiplying and dividing fractions, Converting into Fractions, decimals and percentages, Recognize and use percentages, including percentages less than 1 or greater than 100, Simplifying ratios, Sharing in a ratio, Using direct proportions, Constructing expressions, Using expressions and formulae, Collecting like terms, Expanding brackets, Constructing and solve equations, Inequalities, A sum of 360, Intersecting lines, Drawing lines and quadrilaterals, Identifying the symmetry of 2D shapes, Circles and polygons, Recognizing congruent shapes, 3D Shapes, Converting between units of area, Using hectares, The area of triangle, Calculating the volume of cubes and cuboid. Calculating the surface area of cubes and cuboids, conducting an investigation, Know how to take sample, two way tables, Dual and compound bar charts, Pie charts and waffle diagrams, Info graphics, Representing data, using statistics.

Urdu:

اردو زبان کو پڑھنا اور سمجھنا
اردو کے بنیادی الفاظ کے جملے بنانا
فعل کے اقسام
اردو لکھنے کی مہارت
واحد / جمع
متضاد الفاظ
محاوروں کے معنی

English:

Reading and comprehending any given text and answering the questions with reference to the text, Implicit and explicit meaning of the text, Knowledge of different genres and authors, Book review and blurbs, Parts of speech\word class, Use of correct grammar including articles, tenses, clauses and phrases, Accurate and increased use of connectors, Basic literary devices, figurative language, Formal and informal language, Different types and kinds of sentences, Sentence structure, Different text openings, Author's viewpoint, the purpose of a text, themes in different texts, Narrative and non-narrative text, Structure of different texts, Different ways of generating, organizing, and shaping ideas into a text, Narrative and non-narrative texts, Note taking for different purposes, Character and voice in fictional texts, Informative, descriptive, persuasive, and argumentative texts, Express personal view using range of audience, Precise and imaginative use of vocabulary, Conventions of standard English and their use in writing, Sequencing paragraphs, appropriate use of paragraphs, and selection of linking words and phrases, accurate use of punctuation in conveying meaning and creating particular effects, Punctuating dialogues Word families, roots, derivations, morphology and regular spelling patterns, Relationship between setting characters, themes, plots, Speak fluently and clearly at an appropriate pace and volume, Shaping a talk for clarity to engage the listeners.

Grade 8

Math:

Percentages increases and decreases, Simplifying ratios, Sharing in a ratio, Ratio and direct proportions, Multiplying and dividing by 0.1 and 0.01, Rounding, Constructing expressions, Using expressions and formulae, Expanding brackets, Factorizing, Constructing and solve equations, Inequalities, Parallel lines, The exterior angle of a triangle, Constructions, Converting between miles and kilometers, The area of parallelogram and a trapezium, Calculating the volume of triangular prisms, Calculating the surface area of triangular prisms and pyramids, Quadrilaterals and polygons, The circumference of a circle, 3D shapes, Data collection, Sampling, Interpreting and drawing frequency diagrams, Steam and leaf diagrams, Pie charts.

Urdu:

اردو زبان کو پڑھنا اور سمجھنا
اردو کے بنیادی الفاظ کے جملے بنانا
فعل کے اقسام/اسم کے اقسام
اردو لکھنے کی مہارت
واحد/جمع
متضاد الفاظ
محاوروں کے معنی

English:

Reading and comprehending any given text & answering the questions with reference to the text, Implicit and explicit meaning of the text, Comparing and contrasting information making relevant notes when researching different sources of information, Selecting relevant points summarizing ideas from a text, Differentiate between fact & opinion, Writer's view point, relationship between characters, ironic effect, Literary, rhetorical and grammatical features in literary and non-literary texts, Comparing poems, Use of language and imagery in poems, Using accurate terminology, Formal and informal language, Accurate use of punctuation in conveying meaning and creating particular effects, Punctuating dialogues, Correct use of punctuation, including commas, semicolons, dashes and brackets, Using range of vocabulary to gain the interest of audience, Using a dictionary and thesauras to develop vocabulary, Word families, roots, derivatives, morphology, and regular spelling patterns, Features of text structure of different texts, Different ways of generating, organizing and shaping of ideas into a text, Writer's viewpoint and themes,

Different genres, Write in range of forms for a variety of purpose including, Autobiography (to entertain, inform, review or comment), Diary entry (to inform explain, review, comment or explore), Leaflets or newspaper reports(to inform) Letters(to persuade, entertain, narrate or comment), Magazine articles(to describe, review or comment), Reports(to review inform advise or argue), Reviews and summaries, Kind and types of sentences, Sentence structures, Spell most words correctly including some complex polysyllabic words and unfamiliar words, Commonly misspelt words and their correct spelling, Give short presentations and answer questions maintaining effective organization of talk, Effective adaptation of speech, non-verbal gestures and movement, express complex ideas and feelings, Features of media productions such as news broadcasts, interviews and discussion, Analyze meanings and impact of variations in spoken language, Shaping talks for clarity to engage listeners.

Grade 9:

Math:

Irrational numbers, Standard form, Indices, Multiplying and dividing by powers of 10, Multiplying and dividing decimals, Understanding compound percentages, Upper and lower bounds, Fractions and recurring decimals, Fractions and the correct order of operations, Multiplying fractions, Dividing fractions, Using ratios, Direct and inverse proportions, Substituting into expressions, Constructing expressions, Expressions and indices, Expanding the product of two linear expressions, Simplifying algebraic fractions, Deriving and using formulae, Constructions and solving equations, Simultaneous equations, Inequalities, Generating sequences, Using the n th term, representing functions, Calculating angles, Interior angles of polygons, Exterior angles of polygons, Constructions, Pythagoras Theorem, Circumference and area of circles, Area of compound shapes, Large and small units of length, capacity and mass, Calculating the volume of prisms, Calculating the surface area of triangular prisms, pyramids and cylinders, Symmetry in

3D shapes, Data collecting and sampling, Know about sources of bias, Know about the ways to choose an unbiased sample, Know how to identify wrong and misleading information, Mutually exclusive events, Independent events, Combined events, Chance experiments, Interpreting and drawing frequency diagrams, Scatter diagrams, Back to back stem and leaf diagrams, Calculating statistics for grouped data, representing data.

English:

Analyze how language devices contribute to the intended purpose and impact on the reader, Linguistic and literary techniques, Meaning of unfamiliar words, etymology, and morphology, Grammar and Punctuation, Use of rhetorical punctuation by the writer to support an intended purpose, Use of different types and kinds of sentences and their effect in writing, Grammatical features and their effect on a text, Purpose and effect of writer's choice of formal and informal language in a text, Structure of text in fiction and non-fiction including poetic forms, Impact of writer's choice of organizational and linking features on the audience,

Interpretation of Text, Fictional genres, poems, and play scripts, Implication of explicit information on the meaning of text, Analyzing different layers of meaning within a text, Extract information and ideas selecting the most appropriate reading strategy, Analyze and respond to themes, use of poetic devices

,Analyze how a writer uses a combination of features to enhance their intended meaning, a poet using enjambment to emphasize key language choices, Analyze and respond to the range of ideas, differing viewpoints and purposes in a variety of related texts, Appreciation and reflection Express informed personal responses to texts that take the views of others into consideration, Analyze how the meaning of texts is shaped by a reader's preferences and opinions, Explain how ideas, experiences and values are portrayed in, and affect, the interpretation of texts from different social, cultural and historical contexts, Speaking and listening, Adapt speech judiciously in a range of familiar and unfamiliar contexts to maximize its impact on the audience, Sustain an effective organization of talk in a range of familiar and unfamiliar contexts, Manipulate language to express complex ideas and opinions in detail, Listen, synthesize what is heard, and generate a reasoned response that draws on a range of sources, Writing (word structure/spelling), Spell correctly including polysyllabic words, Use appropriate spelling strategy, Make concise use of linguistic and literary techniques.

