**Reasoning Aptitude**

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| Unit I | Reading, Writing and Learning Practice | 1. Page No 8 to 27 |

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| Unit II | Reading, Writing and Learning Practice | 1. Page No 28 to 34 |

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| Term  1st | Reading, Writing and Learning Practice | 1. Page No 35 to 47 |

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| Unit III | Reading, Writing and Learning Practice | 1. Page No 48 to 53 |

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| Term  2nd | Reading, Writing and Learning Practice | 1. Page No 54 to 77 |

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| **Winter Assignment ( to be done on the separate note books)** |

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Syllabus (2019 – 2020) - 7thGrade.

**ENGLISH**

Class begins with social behaviour for example. – Sitting properly, taking care of belongings, explain with demonstrations.

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| **Unit I** | **Contents** | **Learning Goals and Tips for Teachers** |
| 1.Lesson No 1 & 2  2.Song of the Brooke | 1. Listening and speaking, learning of good manners.  2 Imagination pleasure and fun; 3.Value of wisdom polite expressions; 4.Hazards of tobacco Textual Exercise Sequence of words, phrases modals, pronunciation of words, Awareness about the wild life and endangered species, Story writing ,word sequence.. Development of story from a given outline. Use of conjunction (and, but, or) |
| Cursive Writing | 1. Once in a week |
| Reading, writing & Learning Practice | 1. Lesson No 1 and 2 2. Song of the Brooke |
| Recitation | 1. Lesson No 1 and 2 2. Song of the Brooke |
| Grammar Land | 1. Lesson No 1 to 5. |
| **Unit II** | **Contents** | **Learning Goals and Tips for teachers** |
| 1.Lesson No 3 & 4.  2.If.  3.Check Post 1 | 1.Development of reading and writing skill ,  2.Narrating of story for understanding 3.Love and forgiveness of parents 4.Textual Exercise  5.Formation of compound words, suffix and prefix, pairs of words, use of prepositional phrase, |
| Cursive Writing | 1. Once in a week. |
| Reading, Writing & Learning Practice | 1. Lesson No 3 & 4 2. If and Check Post 1 |
| Recitation | 1. Lesson No 3 & 4 2. If and Check Post 1 |
| Grammar Land | 1. Lesson No 6 to 10 & Revision Paper No I. |

7th Grade Syllabus – 2019 -20 **Page No 1**

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| **Term**  **1st** | **Contents** | **Learning Goals and Tips for teachers** |
| 1.Lesson No 5 to 8  2.The Plaint of the  Camel.  3. Check Post II | 1.Language through fun and pleasure; 2.Use of short forms don’t ,haven’t ; 3.Inculcating virtues in the children 4.Love for traditions and customs, values  5.Textual Exercises  6.Concept of human /animal behavior 7.Writing Skill ( paragraph, ,letter, essay) Vocabulary building(word opposites/synonyms  8. Listening and speaking, learning of good manners |
| Cursive Writing | 1.Once in a week |
| Reading, Writing & Learning Practice | 1.Lesson No 5 to 8  2.The Plaint of the camel  3.Taj Mahal , Deforestation (Essays).  4. Letter to health officer for insanitary conditions of your locality  Application to Principal for concession in school fee  5. Union is Strength. |
| Grammar Land | 1.Lesson No11 to 16 , Punctuation on Page No 149 & Revision Paper II. |

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| **Unit**  **III** | **Contents** | **Learning Goals and Tips for teachers** |
| 1.Lesson : 9 and 10  2.Vacation | 1.Introducing students the great dramatist(Shakespeare) 2.Inculcating humane qualities in children  3. Childhood memories  Textual Exercise |
| Cursive Writing | 1.Once in a week |
| Reading, Writing & Learning Practice | 1.Lesson 9 and 10  2. Vacation |
| Grammar Land | 1. Lesson No 17 to 19 & Writing on Page No 153. |

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| **Winter Assignment ( to be done on the separate note books)** |

7th Grade Syllabus – 2019 -20 **Page No 2**

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| **Term**  **2nd** | **Contents** | **Learning Goals and Tips for teachers** |
| 1.Lesson No 10 to 12  2.A Poem for you  3.Check Post III | 1.Virrtue of Obedience  2.Diversity of culture  3.Protection of cultural heritage 4.Love for animals.  5.Inculcating sense of sympathy 6.Textual Exercise.  7.Listening ,speaking & reading, learning of good manners. |
| Cursive Writing | 1.Once in a week |
| Reading, Writing & Learning Practice | 1.Lesson No 10 to 12  2. A Poem for you  3. Check Post III.  4. Uses & abuses of cell phone,  Autumn in Kashmir. (Essays)  5.Application to your brother for taking part in sports activities  6.Application to Principal for organizing Drawing competition in school  5. Two friends and a Bear. |
| Grammar Land | 1.Lesson No 20 to 23  2. Revision Paper 3. |

Note: ‘’The teachers shall apply different methods and materials to enable children develop the understanding of concepts embedded in the themes wherein multilingual approach has also a role. Moreover, the activity oriented textual exercises are important for the linguistic development of students and these should be transacted through variety of activities viz games, puzzles, matching, Questioning, debating, discussing, role playing and dramatizing etc. The project work and art integrated learning are also the foremost strategies of teaching.’’

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| **Winter Assignment ( to be done on the separate note books)** |

7th Grade Syllabus – 2019 -20 **Page No 3**

**Islamiyat**

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| Unit I | Reading, Writing and Learning Practice | 1. Lesson No 1 to 3 |

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| Unit II | Reading, Writing and Learning Practice | 1. Lesson No 4 to 6 |

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| Term  1st | Reading, Writing and Learning Practice | 1. Lesson No 7 to 11 |

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| Unit III | Reading, Writing and Learning Practice | 1. Lesson No 12 to 14 |

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| Term  2nd | Reading, Writing and Learning Practice | 1. Lesson No 15 to 19 |

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| **Winter Assignment ( to be done on the separate note books)** |

7th Grade Syllabus – 2019 -20 **Page No 8**

**Science**

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| **Unit I** | **Contents** | **KEY LEARNING GOALS** |
| 1.Lesson No 1,4 & 5 | 1Different food items and their ingredients. Plants and animals as source of food. Edible parts of plant, animal products used as food  2.Identification of herbivores, carnivores and omnivores.  3.Activity: Demonstration of beehive edible plants used as foo.  4Source of proteins, vitamins, carbohydrates, fats and minerals. Functions of various components of food. 5.Activity: Simple test for starch, protein and fats.  6.Balanced diet and its use.  7.Project and Assignment: 1. Students to be asked to prepare their diet chart at home for a week. 8. Prepare a list of food items you consume which are rich in Carbohydrates, Proteins, Vitamins, fats and minerals |
| Reading, writing & Learning Practice | 1. Lesson No 1 , 4 & 5 |

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| **Unit Ii** | **Contents** | **KEY LEARNING GOALS** |
| 1.Lesson No 2, 3 & 6 | 1 Different modes of transport. 2.Elementary idea of motion/rest. Types of motion; Rectilinear and circular motion, periodic motion and rotatory motion. 3.Concept of measurement, measurement of length (Standard Unit)  4.Project: With the help of ruler, measure objects like Table, black board, legs of a chair and your class room. |
| Reading, writing & Learning Practice | 1. Lesson No 2, 3 and 6 |

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| **Term**  **1st** | **Contents** | **KEY LEARNING GOALS** |
| 1.Lesson No 7, 8, 9  and 18 | 1.Concept of fiber, yarn and fabrics. 2.Sources of fiber (Plant and Animals) Natural and synthetic fibers. Diversity in types of clothing we wear, even with unstitched  3.Water and its uses in daily life. 4.Misuses of water. Sources of water and conservation of the sources of water. Evaporation and condensation. Water cycle, transpiration vis-à-vis Evaporation. Rain water harvesting. (Brief) Project: preparation of posters showing the misuses of water and the proper use of water.  5.Methods of Separating mixtures- handpicking , threshing, winnowing, sieving. Sedimentation, Decantation, filtration Evaporation with their explanation by local examples. Water as universal solvent. Saturated and unsaturated solutions with activity. Solute, solvent and solution.  6.Group Work: Separate different mixtures like Muddy water; mixture of rice, sand and salt; mixture of water and sugar.  7.Materials and their properties. Classification of material on the basis of solubility and transparency. Importance of grouping of materials.  8.Concept of herbs, shrubs and trees. Parts of the typical plants with their important functions. Identification of the different parts of the typical flower. Project: paste different types of the leaves on a chart. Project: Take a flower and study its different parts and draw the same on a chart. |
| Reading, writing & Learning Practice | 1. Lesson No 7,8,9 and 18. |

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| **Unit**  **III** | **Contents** | **KEY LEARNING GOALS** |
| 1.Lesson No 11 & 14  And 15 | 1.Concept of transparent, opaque and translucent objects. Concept of light and shadow. Mirrors and reflections,  2.Examples of physical and chemical changes. Fermentation, reversible and irreversible- changes occurring in the environment. Assignment: Students to be asked to visit their kitchen and observe changes taking place and classify these changes into reversible & irreversible change |
| Reading, writing & Learning Practice | 1. Lesson No 11, 14 & 15 |

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| **Term**  **2nd** | **Contents** | **KEY LEARNING GOALS** |
| 1.Lesson No 12,13,  16, 17 and 10. | 1.Concept of electric circuit. Parts of an electric cell and torch blub and the functions of a switch. Electric conductors and insulators.  2.Concept of magnetism and uses of magnets. Poles of the magnet with their properties. Distinction between magnetic and nonmagnetic substance  3.Concept of waste, types of waste, concept of 3R’s. Recycling of paper. When waste is problem. Sources of waste, garbage, compositing. (brief Idea) Plastic and polythene and non-decomposable wastes  4.Movements of the body parts, joints of human body. Fixed joints and moveable joints. Ball and socket joints, Pivotal joints and hinge joints. Movement of the earthworm and the fish Project: collect old x-ray films and observe the structure of different joints. Ask your teacher for help & guidance |
| Reading, writing & Learning Practice | 1. Lesson No 12,13,16,17 & 10 |

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**Computer**

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| Unit I | Reading, Writing and Learning Practice | 1. Lesson No 1 |

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| Unit II | Reading, Writing and Learning Practice | 1. Lesson No 2,3 and Assessment No I |

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| Term  1st | Reading, Writing and Learning Practice | 1. Lesson No 4 to 6 and Assessment No II |

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| Unit III | Reading, Writing and Learning Practice | 1. Lesson No 7 to 8 and Assessment No III |

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| Term  2nd | Reading, Writing and Learning Practice | 1. Lesson No 9 to 11 and Assessment No IV |

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| **Winter Assignment ( to be done on the separate note books)** |

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**Urdu**

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| Unit I | **Urdu Book**  Reading, writing and Learning Practice | 1. Lesson No 1 to 3. |
| Urdu Grammar  Reading, writing and Learning Practice | 1 Lesson No 1 to 3  2.Mas/Fem 1 to 4 of Page No 57.  3.Word/Opp 1 to 6 of page No 81  5.Synonyms 1 to 5 of Page No 82.  6.Mahvrat 1 to 6 of Page No 89 & 90  7.Correct/incorrect 1 to 5 of Page No 83  8.Similar Words. 1 to 5 on Page No 85,86  9.Kahawat: 1 to 5 on Page No 93 & 94 |
| Urdu Writing | 1. Once in a week |

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| Unit II | **Urdu Book**  Reading, writing and Learning Practice | 1. Lesson No 4 to 7. |
| Urdu Grammar  Reading, writing and Learning Practice | 1 Lesson No 4 to 7  2.Mas/Fem 5 to 8 of Page No 57.  3.Word/Opp 7 to 13 of page No 81  5.Synonyms 6 to 10 of Page No 82.  6.Correct/incorrect 6 to 10 of Page No 83  7.Similar Words.6 to 10 on Page No 86,87  8.Mahvrat. 7 to 12 on Page No 90  9.Kahawat: 6 to 10 on Page No 94 & 95 |
| Urdu Writing | 1. Once in a week |

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| **Winter Assignment ( to be done on the separate note books)** |

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| Term  1st | **Urdu Book**  Reading, writing and Learning Practice | 1. Lesson No 8 to 12. |
| Urdu Grammar  Reading, writing and Learning Practice | 1 Lesson No 8 to 11  2.Mas/Fem 1 to 12 of Page No 57.  3.Word/Opp 1 to 13 of page No 81  4.Synonyms 1 to 15 of Page No 82.  5..Correct/incorrect 1 to 13 of Page No 83,84  6.Similar Words.1 to10 on Page No 85, 86,87  7.Mahvrat. 13 to 18 on Page No 90, 91  8.Kahawat: 1 to 10 on Page No 93, 94 & 95  Essays: On Page No 109 and 110  Letters: On Page No 100 and 101 |
| Urdu Writing | 1. Once in a week |

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| Unit III | **Urdu Book**  Reading, writing and Learning Practice | 1. Lesson No 13 and 15. |
| Urdu Grammar  Reading, writing and Learning Practice | 1 Lesson No 12 & 13  2.Mas/Fem 13 to 19 of Page No 57.  3.Word/Opp 14 to 19 of page No 81  4.Synonyms 16 to 22 of Page No 82.  5..Correct/incorrect 14 to 20 of Page No 84  6.Similar Words.11 to13 on Page No 87 and 88  7.Mahvrat. 19 to 24 on Page No 91, 92  Kahawat: 11 to 14 on Page No 95 & 96 |
| Urdu Writing | 1. Once in a week |

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| **Winter Assignment ( to be done on the separate note books)** |

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| Term  2nd | **Urdu Book**  Reading, writing and Learning Practice | 1. Lesson No 16 to 20 |
| Urdu Grammar  Reading, writing and Learning Practice | 1. Lesson No 14 to 16  2.Mas/Fem 13 to 27 of Page No 57,58  3.Word/Opp 14 to 26 of page No 81  4.Synonyms 16 to 30 of Page No 82.  5.Mahvrat 25 to 30 of Page No 92  6.Correct/incorrect 21 to 26 of Page No 84  7.Similar Words.11 to15 on Page No 87and 88.  8.Kahawat: 15 to 19 on Page No 96  Exercises On Page No 59  Essays: On Page No 113 and 118  Letters: On Page No 102 and 103 |
| Urdu Writing | 1. Once in a week |

**Kashmiri**

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| Unit I | Reading, writing and Learning Practice | 1. Lesson No 1 to 3 |

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| Unit II | Reading, writing and Learning Practice | 1. Lesson No 4 to 5 |

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| Term  1st | Reading, writing and Learning Practice | 1. Lesson No 6 to 9 |

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| Unit III | Reading, writing and Learning Practice | 1. Lesson No 10 to 12 |

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| Term  2nd | Reading, writing and Learning Practice | 1. Lesson No 13 to 16   . |

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| **Term**  **2nd** | **Contents** | **Learning Goals** |
| Chapter No 6,7 & 11  To 13 | 1.To have the conceptual understanding of triangle and its elements.  2.To have the conceptual understanding of exterior angle of a triangle and its property.  3.Angle sum property of a triangle and its application to find some unknown angles.  4. To have the conceptual understanding of rational numbers and their need.  To be able to compare of rational numbers and their representation of a number line.  T be able to Identify rational numbers between two given rational numbers. (using given method)  Operation on rational numbers.  To have the understanding os role of identities in the operation of rational numbers.  To have the conceptual understanding of the area and the perimeter of the different shapes and its application in the  field. (Geoboard may help)  Project: A record of the perimeters and area of classrooms, Playground, Office room etc. be put on a chart  Formation of algebraic expressions and their conceptual understanding.  Addition and subtraction of algebraic expressions.  Understanding of exponents and laws of exponents.  Expressing large numbers in the standard form |
| Reading, writing and Learning Practice | Multiplication table of 16 to 20  Book work of Chapter No & 11 to 13 |

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**Mathematics**

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| **Unit I** | **Contents** | **Learning Goals** |
| Chapter No 1 & 4 | 1.Conceptual understanding of Integers and their representation on number line.  2.To have the concept of properties like Closure, commutative, associative and distributive properties and their  application in operations  3.To have the concept and understanding of equations.  4.To have the ability to frame linear equations from statements and their solutions.  5.To be able to apply simple equation in day to day life. |
| Reading, writing and Learning Practice | Multiplication table of 2 to 6  Book work of Chapter No 1 & 4 |

**Winter Assignment ( to be done on the separate note books)**

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| **Unit II** | **Contents** | **Learning Goals** |
| Chapter No 2 & 11 | 1.To be able to concretise the concept of fractions by solid operations.  2.To have the concept of fractions as decimals  3.T have the Conceptual understanding of operations on fraction & fraction, fractions & integers.  4.Operations on decimals.  5.To be able to compare decimals and fractions  6.To have the conceptual understanding of the area and the perimeter of the different shapes and its application in the  field.  7.Project: A record of the perimeters and area of classrooms, Playground, Office room etc. be put on a chart. |
| Reading, writing and Learning Practice | Multiplication table of 7 to 10  Book work of Chapter No 2 & 11 |

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| **Term**  **1st** | **Contents** | **Learning Goals** |
| Chapter No 3 to 5  And 10 | 1.To have the Skill of collecting, recording & organizing data and representing it graphically.  2.To be able to Calculate Mean, Mode and Median of data and understanding their applications in day to day life.  3.To have the Conceptual understanding of probability and its use.  4.To have the concept and understanding of equatons.  5.To have the ability to frame linear equations from statements and their solutions.  6.To be able to apply simple equation in day to day life.  7.To have the Conceptual understanding of point, line, line segment and the plane.  To have the knowledge of different types of angles and their identification and importance in the surroundings.  To have the knowledge of transversal of parallel lines and properties of corresponding angles, alternate interior  angles and interior angles on the same side of a transversal. |
| Reading, writing and Learning Practice | Multiplication table of 11 to 15  Book work of Chapter No 3 to 5 & 10 |

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| **Unit III** | **Contents** | **Learning Goals** |
| Chapter No 8 & 9 | 1.To have the conceptual understanding of congruency in plane figures, line segments, angles and triangles.  2.To have the knowledge of Criteria for congruence of triangles (SSS, SAS, ASA, RHS).  3.To have the knowledge of importance of congruency.  4. To have the the conceptual understanding of ratio, proportion & percentage and their conversion with each other.  5To be able to convert fractional numbers to percentage and vise versa.  6To have the concept of buying, selling, profit and loss and their calculation.  7.To have the concept of simple interest and its application |
| Reading, writing and Learning Practice | Multiplication table of 13 to 14  Book work of Chapter No 8 and 9 |

**Winter Assignment ( to be done on the separate note books)**

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**Social Studies**

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| Unit I | History | 1. Lesson No 1 and 2 |
| Civics | 1. Lesson No 1 and 2 |
| Geography | 1. Lesson No 1 and 2 |

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| Unit II | History | 1. Lesson No 3 and 4 |
| Civics | 1. Lesson No 3 |
| Geography | 1. Lesson No 3 and 4. |

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| Term  1st | History | 1. Lesson No 5 and 6 |
| Civics | 1. Lesson No 4 to 5 |
| Geography | 1. Lesson No 5 to 6. |

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| Unit III | History | 1. Lesson No 7 and 8 |
| Civics | 1. Lesson No 6 |
| Geography | 1. Lesson No 7 and 8. |

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| Term  2nd | History | 1. Lesson No 9 and 11 |
| Civics | 1. Lesson No 7 to 8 |
| Geography | 1. Lesson No 9 to 10. |

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| **Winter Assignment ( to be done on the separate note books)** |

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