

# Grade 5 - Curriculum Breakdown

please break down the curriculum into four 9-week sessions, let's evenly distribute the topics across the sessions for each subject for grade 5

## Session 1:

- Language Arts:
  - Comprehension Strategies and Text Analysis
  - Vocabulary Building and Word Analysis
- Mathematics:
  - Place Value and Number Concepts
  - Addition, Subtraction, Multiplication, and Division
- Science:
  - Scientific Inquiry Skills: Observation, Questioning, Investigation, and Communication
  - Life Science: Characteristics and Diversity of Living Organisms, Ecosystems, Habitats, Adaptations, and Life Cycles
- Social Studies:
  - Historical Events, Figures, and Civilizations
  - Historical Thinking Skills: Analysis of Primary and Secondary Sources
- Art:
  - Visual Elements and Principles of Design: Line, Shape, Color, Texture, Value, Space, and Form
  - Analysis and Interpretation of Artworks
- Music:
  - Music Elements and Concepts: Melody, Rhythm, Harmony, and Form
  - Analysis and Interpretation of Musical Elements
- Physical Education:
  - Physical Fitness and Active Lifestyle
  - Anatomy, Physiology, and Nutrition
- Health and Safety:
  - Personal Health and Wellness
  - Nutrition, Hygiene, and Mental Health
- Technology:
  - Digital Literacy: Safe and Responsible Use of Technology

- Digital Information Literacy and Digital Citizenship

## Session 2:

- Language Arts:
  - Writing Process and Organization
  - Informative Writing, Opinion Writing, and Narrative Writing
- Mathematics:
  - 2D and 3D Shapes
  - Length, Area, Volume, and Angles
- Science:
  - Physical Science: Properties and Changes of Matter, Energy Forms, Transformations, Forces, Motion, and Simple Machines
  - Earth and Space Science: Earth's Materials, Structures, Processes, Surface Features, Changes, Earth's Place in the Solar System, and the Universe
- Social Studies:
  - Physical and Human Geography
  - Interconnections between People, Places, and Environments
- Art:
  - Artistic Techniques and Processes: Drawing, Painting, Sculpture, Printmaking, and Other Art Forms
  - Experimentation with Art Materials and Tools
- Music:
  - Music Performance and Techniques: Vocal and Instrumental
  - Solo and Group Performances
- Physical Education:
  - Fundamental Motor Skills
  - Movement Concepts and Strategies
- Health and Safety:
  - Hazard Identification and Assessment
  - Injury Prevention and Emergency Response
- Technology:
  - Technological Skills and Tools: Digital Tools, Software, and Applications
  - Computer Operations, File Management, and Online Collaboration

## Session 3:

- Language Arts:
  - Conversations and Discussions

- Oral Presentations and Public Speaking
- Mathematics:
  - Data Collection, Organization, and Interpretation
  - Probability Concepts and Applications
- Science:
  - Life Science: Investigate Ecosystems, Habitats, Interdependence, Adaptations, and Life Cycles
  - Physical Science: Investigate Energy Forms, Transformations, and Their Effects
- Social Studies:
  - Rights, Responsibilities, and Democratic Principles
  - Systems of Government and Functions of Branches of Government
- Art:
  - Art History and Appreciation: Artworks from Different Cultures and Historical Periods
  - Historical and Cultural Contexts of Artworks
- Music:
  - Music History and Appreciation: Music from Different Historical Periods and Cultures
  - Historical and Cultural Contexts of Musical Works
- Physical Education:
  - Teamwork and Sportsmanship
  - Communication, Collaboration, and Problem-Solving
- Health and Safety:
  - Physical, Emotional, and Social Changes
  - Puberty, Reproductive Health, and Relationships
- Technology:
  - Problem-Solving and Computational Thinking: Computational Thinking Skills
  - Algorithms, Logical Reasoning, and Data Representation

#### Session 4:

- Language Arts:
  - Literature Appreciation
  - Research and Information Literacy
- Mathematics:
  - Patterns, Relationships, and Functions
  - Algebraic Expressions and Equations

- Science:
  - Earth and Space Science: Investigate Earth's Materials, Structures, and Processes, Earth's Surface Features and Changes, Earth's Place in the Solar System, and the Universe
- Social Studies:
  - Basic Economic Concepts
  - Economic Systems and Roles of Individuals, Businesses, and Governments
- Art:
  - Additional Information: Artistic Expression, Art Critique and Reflection, Cultural Appreciation
- Music:
  - Additional Information: Music Composition and Improvisation, Music Appreciation, Cultural Connections
- Physical Education:
  - Additional Information: Sports and Games, Personal and Social Responsibility, Lifetime Fitness
- Health and Safety:
  - Additional Information: Healthy Lifestyles, Safety Education, Healthy Relationships
- Technology:
  - Additional Information: Information Security, Digital Creativity, Emerging Technologies

Please note that this is just a sample breakdown and the distribution of topics may vary based on your specific curriculum and goals. Adjustments can be made based on the priorities and needs of your educational program.