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NSES CURRICULUM: ELEMENTARY SCHOOL MATHEMATICS

Eureka.in 3DS Content List

Designmate (I) PVT LTD

Horizon, Swati Society Road,

Darpan Circle, Ahmedabad – 380014

www.designmate.com

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GRADE	TOTAL TOPIC	TOTAL DURATION
Grade K Overview	2	00.00.00
Grade 1	3	00.00.00
Grade 2	4	00.00.00
Grade 3	22	00.33.37
Grade 4	19	00.31.32
TOTAL	50	01.05.09

CATEGORY	TOTAL TOPIC	TOTAL DURATION
Grade K Overview	2	00.00.00
Counting and cardinality	1	00.00.00
Geometry	1	00.00.00
Grade 1	3	00.00.00
operations and algebraic thinking	1	00.00.00
number and operations in Base ten	1	00.00.00
Geometry	1	00.00.00
Grade 2	4	00.00.00
Number and Operations in Base Ten	4	00.00.00
Grade 3	22	00.33.37
Operations and Algebraic Thinking	6	00.00.00
Number and Operations in Base Ten	1	00.05.06
Number and Operations—Fractions	6	00.15.38
Measurement and Data	5	00.12.53
Geometry	4	00.00.00

CATEGORY	TOTAL TOPIC	TOTAL DURATION
Grade 4	19	00.31.32
Operations and Algebraic Thinking	7	00.03.34
Number and Operations— Fractions ³	4	00.13.46
Measurement and Data	1	00.00.00
Geometry	7	00.14.12
TOTAL TOPICS	50	01.05.09

Grade K Overview

Topic Name	Duration	Sim	Int
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Counting and cardinality

- **Core Topics**

1. Which is bigger number?	00.00.00	√	
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Geometry

- **Core Topics**

1. Get shape crazy	00.00.00	√	
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TOTAL TOPICS IN GRADE K OVERVIEW – 2 00.00.00

Grade 1

Topic Name	Duration	Sim	Int
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operations and algebraic thinking

- **Core Topics**

1. Add while you shop	00.00.00	√	
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number and operations in Base ten

- **Core Topics**

1. Which is bigger number?	00.00.00	√	
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Geometry

- **Core Topics**

1. Shapes and Angles	00.00.00	√	
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TOTAL TOPICS IN GRADE 1 – 3	00.00.00		
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Grade 2

Topic Name	Duration	Sim	Int
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Number and Operations in Base Ten

- **Suggested Topics**

1. Fill the Chart	00.00.00	√
2. Tens and Ones	00.00.00	√
3. Heads and Tails	00.00.00	√
4. Two numbers at a Time	00.00.00	√

TOTAL TOPICS IN GRADE 2 – 4	00.00.00
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Grade 3

Topic Name	Duration	Sim	Int
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Operations and Algebraic Thinking

- **Core Topics**

1. Multiplication Patterns	00.00.00	√
2. How Many in Each Group?	00.00.00	√
3. Multiplication and Division (Game)	00.00.00	√
4. Multiplication of Integers	00.00.00	√
5. Multiplication Tables (Practice)	00.00.00	√
6. Counting in 50	00.00.00	√

Number and Operations in Base Ten

- **Core Topics**

1. Rounding off Numbers	00.05.06
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Number and Operations—Fractions

- **Core Topics**

1. Concept of Fraction	00.05.09	√
2. Fractions on the Number Line	00.00.00	√
3. Equivalent Fractions	00.04.18	√

Grade 3

Topic Name	Duration	Sim	Int
4. Fractions to Decimals and Decimals to Fractions	00.06.11	√	
5. Halves and Quarters of Shapes	00.00.00	√	
6. Colour the Circle	00.00.00	√	

Measurement and Data

- **Core Topics**

1. How many can fit in	00.00.00	√	
2. Introduction to Bar Graph	00.04.21	√	
3. Reading a Bar Graph	00.02.38		
4. Concept of Area	00.00.00	√	
5. Areas of Plane Figures	00.05.54	√	

Geometry

- **Core Topics**

1. Click away cameraman	00.00.00	√	
2. View from different angles	00.00.00	√	
3. Different Views of Solids	00.00.00	√	
4. Identifying Angles	00.00.00	√	

TOTAL TOPIC IN GRADES 3 – 22 **00.33.37**

Grade 4

Topic Name	Duration	Sim	Int
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Operations and Algebraic Thinking

- **Core Topics**

1. Multiplication Patterns	00.00.00	√
2. Multiplication and Division (Game)	00.00.00	√
3. Multiplication of Integers	00.00.00	√
4. Multiplication Tables (Practice)	00.00.00	√
5. Factor Tree	00.00.00	√
6. Tiling Problems	00.00.00	√
7. LCM: Ladder or Division Method	00.03.34	

Number and Operations—Fractions3

- **Core Topics**

1. Representation of a Decimal Number on the Number Line	00.03.30	
2. Fractions to Decimals and Decimals to Fractions	00.06.11	
3. Basic concepts of Decimal	00.04.05	√
4. Unitary Method	00.00.00	√

Grade 4

Topic Name	Duration	Sim	Int
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Measurement and Data

- **Core Topics**

1. How many can fit in	00.00.00	√	
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Geometry

- **Core Topics**

1. Guess Measure of an Angle	00.00.00	√	
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2. Lines and Angles	00.03.46		
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3. Construction: Right Angled Triangle	00.03.17	√	
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4. Introduction to Symmetry	00.03.31		
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5. Symmetry	00.03.38		
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6. View from different angles	00.00.00	√	
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7. Identifying Angles	00.00.00	√	
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TOTAL TOPICS IN GRADE 4 – 19	00.31.32		
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TOTAL TOPICS IN ELEMENTARY SCHOOL MATHEMATICS – 50	01.05.09		
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*Sim = Simulation

*Int = Interactive