



District Report Card: 2017


| | |
|-----------------------------|-----------------------------|
| State: Uttar Pradesh | District: Sonbhadra |
| Class: 5 | Subject: Mathematics |
| Schools: 60 | Students: 1039 |


Participation/Coverage


Students

| | | | | |
|--|--------|-------|--------|-------|
| <div>GENDER</div> <div></div> | Boys | | Girls | |
| | Number | % | Number | % |
| | 537 | 51.68 | 502 | 48.32 |

| | | | | |
|---|--------|-------|--------|-------|
| <div>AREA</div> <div></div> | Rural | | Urban | |
| | Number | % | Number | % |
| | 885 | 85.18 | 154 | 14.82 |

| | | | | | | | | |
|--|--------|-------|--------|-------|--------|-------|--------|------|
| <div>CATEGORY</div> <div></div> | SC | | ST | | OBC | | GEN | |
| | Number | % | Number | % | Number | % | Number | % |
| | 299 | 28.78 | 315 | 30.32 | 379 | 36.48 | 46 | 4.43 |

| | | | | | | |
|--|----|----|----|------|----|-----|
| <div>CWSN</div> <div></div> | LD | VI | HI | S&LD | ID | Oth |
| | 3 | 4 | 1 | 0 | 1 | 12 |

| | | | | |
|--|------------|--------|------------------|------|
| <div>Management</div> <div></div> | Government | | Government-aided | |
| | Number | % | Number | % |
| | 1039 | 100.00 | 0 | 0.00 |

Average Performance of Students in Mathematics (%)

| Overall | Gender | | Area | | Management | | Social Group | | | |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|-------|
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 43.53 | 43.99 | 43.04 | 43.80 | 41.95 | 43.53 | 0.00 | 44.79 | 40.74 | 43.85 | 51.74 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| M401 | Applies operations of numbers in daily life situations | 38.98 |
| M412 | Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit | 34.70 |
| M418 | Calculates time intervals/duration of familiar daily life events by using forward or backward counting/addition and subtraction | 59.09 |
| M421 | Represent the collected information in tables and bar graphs and draws inferences from these | 41.87 |
| M501 | Reads and writes numbers bigger than 1000 being used in her/his surroundings | 53.51 |
| M504 | Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation | 43.16 |
| M505 | Finds the number corresponding to part of a collection | 47.48 |
| M506 | Identifies and forms equivalent fractions of a given fraction | 34.17 |
| M508 | Converts fractions into decimals and vice versa | 38.99 |
| M509 | Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing | 46.33 |
| M512 | Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa | 44.87 |
| M513 | Estimates the volume of a solid body in known units. | 40.35 |
| M514 | Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals | 35.74 |
| M515 | Identifies the pattern in triangular numbers and square number | 41.58 |
| M516 | Collects data related to various daily life situations, represents it in tabular form and as bar graphs and interprets it | 46.01 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 360 | 34.65 | 311 | 29.93 | 219 | 21.08 | 149 | 14.34 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Identifies and forms equivalent fractions of a given fraction (34.17)
- 2 - Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit (34.70)
- 3 - Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals (35.74)
- 4 - Applies operations of numbers in daily life situations (38.98)
- 5 - Converts fractions into decimals and vice versa (38.99)