



District Report Card: 2017


| | |
|---------------------------|-------------------------|
| State: Maharashtra | District: Bid |
| Class: 8 | Subject: Science |
| Schools: 51 | Students: 1386 |


Participation/Coverage


Students

| GENDER  | Boys | | Girls | |
|--|--------|-------|--------|-------|
| | Number | % | Number | % |
| | 652 | 47.04 | 734 | 52.96 |

| AREA  | Rural | | Urban | |
|---|--------|-------|--------|-------|
| | Number | % | Number | % |
| | 909 | 65.58 | 477 | 34.42 |

| CATEGORY  | SC | | ST | | OBC | | GEN | |
|--|--------|-------|--------|------|--------|-------|--------|-------|
| | Number | % | Number | % | Number | % | Number | % |
| | 187 | 13.49 | 21 | 1.52 | 550 | 39.68 | 628 | 45.31 |

| CWSN  | LD | VI | HI | S&LD | ID | Oth |
|--|----|----|----|------|----|-----|
| | 16 | 3 | 2 | 2 | 0 | 16 |

| Management  | Government | | Government-aided | |
|--|------------|-------|------------------|-------|
| | Number | % | Number | % |
| | 241 | 17.39 | 1145 | 82.61 |

Average Performance of Students in Science (%)

| Overall | Gender | | Area | | Management | | Social Group | | | |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|-------|
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 55.04 | 53.91 | 56.04 | 55.99 | 53.22 | 62.77 | 53.41 | 58.40 | 55.24 | 56.28 | 52.94 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 53.54 |
| SCI704 | Conducts simple investigation to seek answers to queries | 36.67 |
| SCI705 | Relates processes and phenomenon with causes | 50.17 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 75.90 |
| SCI710 | Plots and interprets graphs | 45.44 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 54.41 |
| SCI801 | Differentiates materials, organism and processes | 54.80 |
| SCI804 | Relates processes and phenomenon with causes | 64.98 |
| SCI805 | Explains processes and phenomenon | 52.33 |
| SCI807 | Measures angles of incidence and reflection, etc. | 58.73 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 53.18 |
| SCI813 | Makes efforts to protect environment | 76.91 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 193 | 13.92 | 353 | 25.47 | 605 | 43.65 | 235 | 16.96 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (36.67)
- 2 - Plots and interprets graphs (45.44)
- 3 - Relates processes and phenomenon with causes (50.17)
- 4 - Explains processes and phenomenon (52.33)
- 5 - Applies learning of scientific concepts in day-to-day life (53.18)