



District Report Card: 2017


| | |
|-------------------------|-------------------------|
| State: Karnataka | District: Kodagu |
| Class: 8 | Subject: Science |
| Schools: 51 | Students: 1329 |


Participation/Coverage


Students

| GENDER  | Boys | | Girls | |
|--|--------|-------|--------|-------|
| | Number | % | Number | % |
| | 643 | 48.38 | 686 | 51.62 |

| AREA  | Rural | | Urban | |
|---|--------|-------|--------|-------|
| | Number | % | Number | % |
| | 1104 | 83.07 | 225 | 16.93 |

| CATEGORY  | SC | | ST | | OBC | | GEN | |
|--|--------|-------|--------|-------|--------|-------|--------|------|
| | Number | % | Number | % | Number | % | Number | % |
| | 293 | 22.05 | 262 | 19.71 | 714 | 53.72 | 60 | 4.51 |

| CWSN  | LD | VI | HI | S&LD | ID | Oth |
|--|----|----|----|------|----|-----|
| | 2 | 2 | 0 | 3 | 1 | 23 |

| Management  | Government | | Government-aided | |
|--|------------|-------|------------------|-------|
| | Number | % | Number | % |
| | 729 | 54.85 | 600 | 45.15 |

Average Performance of Students in Science (%)

| Overall | Gender | | Area | | Management | | Social Group | | | |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|-------|
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 43.86 | 42.85 | 44.81 | 44.49 | 40.77 | 41.93 | 46.21 | 46.30 | 38.78 | 45.36 | 36.33 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 49.62 |
| SCI704 | Conducts simple investigation to seek answers to queries | 27.25 |
| SCI705 | Relates processes and phenomenon with causes | 44.25 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 40.11 |
| SCI710 | Plots and interprets graphs | 41.49 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 32.37 |
| SCI801 | Differentiates materials, organism and processes | 52.78 |
| SCI804 | Relates processes and phenomenon with causes | 52.43 |
| SCI805 | Explains processes and phenomenon | 41.35 |
| SCI807 | Measures angles of incidence and reflection, etc. | 35.74 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 37.76 |
| SCI813 | Makes efforts to protect environment | 75.55 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 385 | 28.97 | 444 | 33.41 | 397 | 29.87 | 103 | 7.75 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.25)
- 2 - Constructs models using materials from surroundings and explains their working (32.37)
- 3 - Measures angles of incidence and reflection, etc. (35.74)
- 4 - Applies learning of scientific concepts in day-to-day life (37.76)
- 5 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (40.11)