



District Report Card: 2017


| | |
|--------------------------|---------------------------|
| State: Tamil Nadu | District: Dindigul |
| Class: 8 | Subject: Science |
| Schools: 50 | Students: 1138 |


Participation/Coverage


Students

|  GENDER | Boys | | Girls | |
|---|--------|-------|--------|-------|
| | Number | % | Number | % |
| | 628 | 55.18 | 510 | 44.82 |

|  AREA | Rural | | Urban | |
|--|--------|-------|--------|-------|
| | Number | % | Number | % |
| | 728 | 63.97 | 410 | 36.03 |

|  CATEGORY | SC | | ST | | OBC | | GEN | |
|---|--------|-------|--------|------|--------|-------|--------|------|
| | Number | % | Number | % | Number | % | Number | % |
| | 382 | 33.57 | 18 | 1.58 | 726 | 63.80 | 12 | 1.05 |

|  CWSN | LD | VI | HI | S&LD | ID | Oth |
|---|----|----|----|------|----|-----|
| | 1 | 2 | 1 | 0 | 1 | 14 |

|  Management | Government | | Government-aided | |
|---|------------|-------|------------------|-------|
| | Number | % | Number | % |
| | 518 | 45.52 | 620 | 54.48 |

Average Performance of Students in Science (%)

| Overall | Gender | | Area | | Management | | Social Group | | | |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|-------|
| | Male | Female | Rural | Urban | Govt. | Aided | SC | ST | OBC | GEN |
| 39.16 | 38.94 | 39.44 | 37.23 | 42.59 | 36.23 | 41.61 | 38.38 | 32.96 | 39.99 | 23.33 |

Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description | Average Performance(%) |
|-------------------|--|------------------------|
| SCI703 | Classifies materials and organisms based on properties/characteristics | 41.05 |
| SCI704 | Conducts simple investigation to seek answers to queries | 22.25 |
| SCI705 | Relates processes and phenomenon with causes | 46.26 |
| SCI708 | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 30.93 |
| SCI710 | Plots and interprets graphs | 33.45 |
| SCI711 | Constructs models using materials from surroundings and explains their working | 32.58 |
| SCI801 | Differentiates materials, organism and processes | 42.45 |
| SCI804 | Relates processes and phenomenon with causes | 51.30 |
| SCI805 | Explains processes and phenomenon | 30.61 |
| SCI807 | Measures angles of incidence and reflection, etc. | 30.23 |
| SCI811 | Applies learning of scientific concepts in day-to-day life | 44.49 |
| SCI813 | Makes efforts to protect environment | 61.16 |

| Range of Performance of Students who Answered Correctly | | | | | | | |
|---|-------|-----------|-------|-----------|-------|-----------|------|
| Below 30% | | 30% - 50% | | 50% - 75% | | Above 75% | |
| Number | % | Number | % | Number | % | Number | % |
| 382 | 33.57 | 457 | 40.16 | 262 | 23.02 | 37 | 3.25 |

Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (22.25)
- 2 - Measures angles of incidence and reflection, etc. (30.23)
- 3 - Explains processes and phenomenon (30.61)
- 4 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (30.93)
- 5 - Constructs models using materials from surroundings and explains their working (32.58)