



### District Report Card: 2017


|                             |                         |
|-----------------------------|-------------------------|
| <b>State:</b> Uttar Pradesh | <b>District:</b> Gonda  |
| <b>Class:</b> 8             | <b>Subject:</b> Science |
| <b>Schools:</b> 51          | <b>Students:</b> 1014   |


### Participation/Coverage


#### Students

| <b>GENDER</b><br> | Boys   |       | Girls  |       |
|--|--------|-------|--------|-------|
|  | Number | %     | Number | %     |
|  | 511    | 50.39 | 503    | 49.61 |

| <b>AREA</b><br> | Rural  |       | Urban  |      |
|---|--------|-------|--------|------|
|   | Number | %     | Number | %    |
|   | 978    | 96.45 | 36     | 3.55 |

| <b>CATEGORY</b><br> | SC     |       | ST     |      | OBC    |       | GEN    |       |
|--|--------|-------|--------|------|--------|-------|--------|-------|
|  | Number | %     | Number | %    | Number | %     | Number | %     |
|  | 257    | 25.35 | 6      | 0.59 | 479    | 47.24 | 272    | 26.82 |

| <b>CWSN</b><br> | LD | VI | HI | S&LD | ID | Oth |
|--|----|----|----|------|----|-----|
|  | 0  | 0  | 0  | 3    | 1  | 26  |

| <b>Management</b><br> | Government |       | Government-aided |       |
|--|------------|-------|------------------|-------|
|  | Number     | %     | Number           | %     |
|  | 723        | 71.30 | 291              | 28.70 |

### Average Performance of Students in Science (%)

| Overall | Gender |        | Area  |       | Management |       | Social Group |       |       |       |
|---------|--------|--------|-------|-------|------------|-------|--------------|-------|-------|-------|
|         | Male   | Female | Rural | Urban | Govt.      | Aided | SC           | ST    | OBC   | GEN   |
| 49.55   | 50.14  | 48.95  | 50.37 | 27.04 | 53.31      | 40.21 | 47.32        | 71.11 | 52.25 | 46.42 |

## Performance on Learning Outcomes (LOs)

| Learning Outcomes | Description  | Average Performance(%) |
|-------------------|--|------------------------|
| SCI703            | Classifies materials and organisms based on properties/characteristics   | 48.40                  |
| SCI704            | Conducts simple investigation to seek answers to queries   | 27.66                  |
| SCI705            | Relates processes and phenomenon with causes   | 44.41                  |
| SCI708            | Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. | 64.40                  |
| SCI710            | Plots and interprets graphs  | 40.23                  |
| SCI711            | Constructs models using materials from surroundings and explains their working   | 43.91                  |
| SCI801            | Differentiates materials, organism and processes   | 55.71                  |
| SCI804            | Relates processes and phenomenon with causes   | 58.03                  |
| SCI805            | Explains processes and phenomenon  | 44.08                  |
| SCI807            | Measures angles of incidence and reflection, etc.  | 56.31                  |
| SCI811            | Applies learning of scientific concepts in day-to-day life   | 51.46                  |
| SCI813            | Makes efforts to protect environment   | 64.20                  |

| Range of Performance of Students who Answered Correctly |       |           |       |           |       |           |       |
|---|-------|-----------|-------|-----------|-------|-----------|-------|
| Below 30%   |       | 30% - 50% |       | 50% - 75% |       | Above 75% |       |
| Number  | %     | Number    | %     | Number    | %     | Number    | %     |
| 259   | 25.54 | 263       | 25.94 | 299       | 29.49 | 193       | 19.03 |

### Lowest Performing Learning Outcomes (LOs)

- 1 - Conducts simple investigation to seek answers to queries (27.66)
- 2 - Plots and interprets graphs (40.23)
- 3 - Constructs models using materials from surroundings and explains their working (43.91)
- 4 - Explains processes and phenomenon (44.08)
- 5 - Relates processes and phenomenon with causes (44.41)