

Science Grade 1

Demonstrates knowledge of concepts studied

| Exceeds | Meets | Nearing | Below |
|---|---|--|--|
| Consistently scores 100%-90% on science assessments | Consistently scores 89%-78% on science assessments | Consistently scores 77%-70% on science assessments | Consistently scores 69% or below on science assessments |
| Consistently responds accurately during discussions in science | Consistently responds accurately during discussions in science | Usually responds accurately during discussion in science | Seldom contributes to science discussion, or provides inaccurate information |
| Completes and explains written work, projects and assignments in science accurately with detail | Completes and explains written work, projects and assignments in science accurately with detail | Completes and explains written work, projects and assignments in science accurately with some detail | Written work, projects and assignments demonstrates only basic understanding of concepts Little or no knowledge of concepts presented |

Uses technology and equipment effectively

| Exceeds | Meets | Nearing | Below |
|---|--|--|--|
| Accurately and safely operates technology and science equipment | Needs minimal assistance to operate technology and equipment accurately and safely | Requires supervision and teacher direction to accurately and safely operate technology and science equipment | Unable to accurately use technology and/or science equipment Unable to demonstrate safe behaviors |

Records and interprets data accurately

| Exceeds | Meets | Nearing | Below |
|---|---|--|-----------------------------------|
| Consistently records accurate data | Usually records accurate data | Errors in data recording | Numerous errors in data recording |
| Draws appropriate conclusions from the data | Able to draw some conclusions from the data | Difficulty with interpreting data and making conclusions | Unable to interpret data |

Science Grade 1

Participates productively in groups

| Exceeds | Meets | Nearing | Below |
|---------------------------------------|--|--|--|
| Emerges as a leader during group work | Consistently demonstrates a cooperative attitude Consistently contributes meaningfully to group efforts | Usually demonstrates a cooperative attitude Usually contributes meaningfully to group efforts | Rarely demonstrates a cooperative attitude Rarely contributes meaningful to group efforts |

Demonstrates quality work on assignments

| Exceeds | Meets | Nearing | Below |
|---|---|--|---|
| Consistently turns in assignments on time Consistently completes assignments and projects accurately Assignments and projects consistently demonstrate creative thinking and a complete understanding of the concepts presented | Consistently turns in assignments on time Consistently completes assignments and projects accurately Assignments and projects consistently demonstrate a complete understanding of the concepts that were presented | Usually turns in assignments on time Usually completes assignments and projects accurately Assignments and projects usually demonstrate a complete understanding of the concepts that were presented | Rarely turns assignments in on time Assignments and projects may be completed, but there are many errors or inaccurate or incomplete information Little or no evidence of understanding of concepts |

Science Grade 2

Demonstrates knowledge of concepts studied

| Exceeds | Meets | Nearing | Below |
|---|---|--|--|
| Consistently scores 100%-90% on science assessments | Consistently scores 89%-78% on science assessments | Consistently scores 77%-70% on science assessments | Consistently scores 69% or below on science assessments |
| Consistently responds accurately during discussions in science | Consistently responds accurately during discussions in science | Usually responds accurately during discussion in science | Seldom contributes to science discussion, or provides inaccurate information |
| Completes and explains written work, projects and assignments in science accurately with detail | Completes and explains written work, projects and assignments in science accurately with detail | Completes and explains written work, projects and assignments in science accurately with some detail | Written work, projects and assignments demonstrates only basic understanding of concepts Little or no knowledge of concepts presented |

Uses technology and equipment effectively

| Exceeds | Meets | Nearing | Below |
|---|--|--|--|
| Accurately and safely operates technology and science equipment independently | Needs minimal assistance to operate technology and equipment accurately and safely | Requires supervision and teacher direction to accurately and safely operate technology and science equipment | Unable to accurately use technology and/or science equipment Unable to demonstrate safe behaviors |

Records and interprets data accurately

| Exceeds | Meets | Nearing | Below |
|---|---|--|-----------------------------------|
| Consistently records accurate data | Usually records accurate data | Errors in data recording | Numerous errors in data recording |
| Draws appropriate conclusions from the data | Able to draw some conclusions from the data | Difficulty with interpreting data and making conclusions | Unable to interpret data |

Science Grade 2

Participates productively in groups

| Exceeds | Meets | Nearing | Below |
|---------------------------------------|--|--|--|
| Emerges as a leader during group work | Consistently demonstrates a cooperative attitude Consistently contributes meaningfully to group efforts | Usually demonstrates a cooperative attitude Usually contributes meaningfully to group efforts | Rarely demonstrates a cooperative attitude Rarely contributes meaningful to group efforts |

Demonstrates quality work on assignments

| Exceeds | Meets | Nearing | Below |
|--|--|---|--|
| Consistently turns in assignments on time | Consistently turns in assignments on time | Usually turns in assignments on time | Rarely turns assignments in on time |
| Consistently completes assignments and projects accurately | Consistently completes assignments and projects accurately | Usually completes assignments and projects accurately | Assignments and projects may be completed, but there are many errors or inaccurate or incomplete information |
| Assignments and projects consistently demonstrate creative thinking and a complete understanding of the concepts presented | Assignments and projects consistently demonstrate a complete understanding of the concepts that were presented | Assignments and projects usually demonstrate a complete understanding of the concepts that were presented | Little or no evidence of understanding of concepts |

Science Grade 3

Demonstrates knowledge of concepts studied

| Exceeds | Meets | Nearing | Below |
|---|---|--|--|
| Consistently scores 100%-90% on science assessments | Consistently scores 89%-78% on science assessments | Consistently scores 77%-70% on science assessments | Consistently scores 69% or below on science assessments |
| Consistently responds accurately during discussions in science | Consistently responds accurately during discussions in science | Usually responds accurately during discussion in science | Seldom contributes to science discussion, or provides inaccurate information |
| Completes and explains written work, projects and assignments in science accurately with detail | Completes and explains written work, projects and assignments in science accurately with detail | Completes and explains written work, projects and assignments in science accurately with some detail | Written work, projects and assignments demonstrates only basic understanding of concepts Little or no knowledge of concepts presented |

Uses technology and equipment effectively

| Exceeds | Meets | Nearing | Below |
|---|--|--|--|
| Accurately and safely operates technology and science equipment independently | Needs minimal assistance to operate technology and equipment accurately and safely | Requires supervision and teacher direction to accurately and safely operate technology and science equipment | Unable to accurately use technology and/or science equipment Unable to demonstrate safe behaviors |

Records and interprets data accurately

| Exceeds | Meets | Nearing | Below |
|---|---|--|-----------------------------------|
| Consistently records accurate data | Usually records accurate data | Errors in data recording | Numerous errors in data recording |
| Draws appropriate conclusions from the data | Able to draw some conclusions from the data | Difficulty with interpreting data and making conclusions | Unable to interpret data |

Science Grade 3

Participates productively in groups

| Exceeds | Meets | Nearing | Below |
|---------------------------------------|--|--|--|
| Emerges as a leader during group work | Consistently demonstrates a cooperative attitude Consistently contributes meaningfully to group efforts | Usually demonstrates a cooperative attitude Usually contributes meaningfully to group efforts | Rarely demonstrates a cooperative attitude Rarely contributes meaningful to group efforts |

Demonstrates quality work on assignments

| Exceeds | Meets | Nearing | Below |
|---|---|--|---|
| Consistently turns in assignments on time Consistently completes assignments and projects accurately Assignments and projects consistently demonstrate creative thinking and a complete understanding of the concepts presented | Consistently turns in assignments on time Consistently completes assignments and projects accurately Assignments and projects consistently demonstrate a complete understanding of the concepts that were presented | Usually turns in assignments on time Usually completes assignments and projects accurately Assignments and projects usually demonstrate a complete understanding of the concepts that were presented | Rarely turns assignments in on time Assignments and projects may be completed, but there are many errors or inaccurate or incomplete information Little or no evidence of understanding of concepts |

Science Grade 4

Demonstrates knowledge of concepts studied

| Exceeds | Meets | Nearing | Below |
|---|---|--|--|
| Consistently scores 100%-90% on science assessments | Consistently scores 89%-78% on science assessments | Consistently scores 77%-70% on science assessments | Consistently scores 69% or below on science assessments |
| Consistently responds accurately during discussions in science | Consistently responds accurately during discussions in science | Usually responds accurately during discussion in science | Seldom contributes to science discussion, or provides inaccurate information |
| Completes and explains written work, projects and assignments in science accurately with detail | Completes and explains written work, projects and assignments in science accurately with detail | Completes and explains written work, projects and assignments in science accurately with some detail | Written work, projects and assignments demonstrates only basic understanding of concepts Little or no knowledge of concepts presented |

Uses technology and equipment effectively

| Exceeds | Meets | Nearing | Below |
|---|--|--|--|
| Accurately and safely operates technology and science equipment independently | Needs minimal assistance to operate technology and equipment accurately and safely | Requires supervision and teacher direction to accurately and safely operate technology and science equipment | Unable to accurately use technology and/or science equipment Unable to demonstrate safe behaviors |

Records and interprets data accurately

| Exceeds | Meets | Nearing | Below |
|---|---|--|-----------------------------------|
| Consistently records accurate data | Usually records accurate data | Errors in data recording | Numerous errors in data recording |
| Draws appropriate conclusions from the data | Able to draw some conclusions from the data | Difficulty with interpreting data and making conclusions | Unable to interpret data |

Science Grade 4

Participates productively in groups

| Exceeds | Meets | Nearing | Below |
|---------------------------------------|--|--|--|
| Emerges as a leader during group work | Consistently demonstrates a cooperative attitude Consistently contributes meaningfully to group efforts | Usually demonstrates a cooperative attitude Usually contributes meaningfully to group efforts | Rarely demonstrates a cooperative attitude Rarely contributes meaningful to group efforts |

Demonstrates quality work on assignments

| Exceeds | Meets | Nearing | Below |
|--|--|---|--|
| Consistently turns in assignments on time | Consistently turns in assignments on time | Usually turns in assignments on time | Rarely turns assignments in on time |
| Consistently completes assignments and projects accurately | Consistently completes assignments and projects accurately | Usually completes assignments and projects accurately | Assignments and projects may be completed, but there are many errors or inaccurate or incomplete information |
| Assignments and projects consistently demonstrate creative thinking and a complete understanding of the concepts presented | Assignments and projects consistently demonstrate a complete understanding of the concepts that were presented | Assignments and projects usually demonstrate a complete understanding of the concepts that were presented | Little or no evidence of understanding of concepts |

Science Grade 5

Demonstrates knowledge of concepts studied

| Exceeds | Meets | Nearing | Below |
|---|---|--|--|
| Consistently scores 100%-90% on science assessments | Consistently scores 89%-78% on science assessments | Consistently scores 77%-70% on science assessments | Consistently scores 69% or below on science assessments |
| Consistently responds accurately during discussions in science | Consistently responds accurately during discussions in science | Usually responds accurately during discussion in science | Seldom contributes to science discussion, or provides inaccurate information |
| Completes and explains written work, projects and assignments in science accurately with detail | Completes and explains written work, projects and assignments in science accurately with detail | Completes and explains written work, projects and assignments in science accurately with some detail | Written work, projects and assignments demonstrates only basic understanding of concepts Little or no knowledge of concepts presented |

Uses technology and equipment effectively

| Exceeds | Meets | Nearing | Below |
|---|--|--|--|
| Accurately and safely operates technology and science equipment independently | Needs minimal assistance to operate technology and equipment accurately and safely | Requires supervision and teacher direction to accurately and safely operate technology and science equipment | Unable to accurately use technology and/or science equipment Unable to demonstrate safe behaviors |

Records and interprets data accurately

| Exceeds | Meets | Nearing | Below |
|---|---|--|-----------------------------------|
| Consistently records accurate data | Usually records accurate data | Errors in data recording | Numerous errors in data recording |
| Draws appropriate conclusions from the data | Able to draw some conclusions from the data | Difficulty with interpreting data and making conclusions | Unable to interpret data |

Science Grade 5

Participates productively in groups

| Exceeds | Meets | Nearing | Below |
|---------------------------------------|--|--|--|
| Emerges as a leader during group work | Consistently demonstrates a cooperative attitude Consistently contributes meaningfully to group efforts | Usually demonstrates a cooperative attitude Usually contributes meaningfully to group efforts | Rarely demonstrates a cooperative attitude Rarely contributes meaningful to group efforts |

Demonstrates quality work on assignments

| Exceeds | Meets | Nearing | Below |
|--|--|---|--|
| Consistently turns in assignments on time | Consistently turns in assignments on time | Usually turns in assignments on time | Rarely turns assignments in on time |
| Consistently completes assignments and projects accurately | Consistently completes assignments and projects accurately | Usually completes assignments and projects accurately | Assignments and projects may be completed, but there are many errors or inaccurate or incomplete information |
| Assignments and projects consistently demonstrate creative thinking and a complete understanding of the concepts presented | Assignments and projects consistently demonstrate a complete understanding of the concepts that were presented | Assignments and projects usually demonstrate a complete understanding of the concepts that were presented | Little or no evidence of understanding of concepts |

Science Grade 6

Demonstrates knowledge of concepts studied

| Exceeds | Meets | Nearing | Below |
|---|---|--|--|
| Consistently scores 100%-90% on science assessments | Consistently scores 89%-78% on science assessments | Consistently scores 77%-70% on science assessments | Consistently scores 69% or below on science assessments |
| Consistently responds accurately during discussions in science | Consistently responds accurately during discussions in science | Usually responds accurately during discussion in science | Seldom contributes to science discussion, or provides inaccurate information |
| Completes and explains written work, projects and assignments in science accurately with detail | Completes and explains written work, projects and assignments in science accurately with detail | Completes and explains written work, projects and assignments in science accurately with some detail | Written work, projects and assignments demonstrates only basic understanding of concepts Little or no knowledge of concepts presented |

Uses technology and equipment effectively

| Exceeds | Meets | Nearing | Below |
|---|--|--|--|
| Accurately and safely operates technology and science equipment independently | Needs minimal assistance to operate technology and equipment accurately and safely | Requires supervision and teacher direction to accurately and safely operate technology and science equipment | Unable to accurately use technology and/or science equipment Unable to demonstrate safe behaviors |

Records and interprets data accurately

| Exceeds | Meets | Nearing | Below |
|---|--|--|--|
| Consistently records accurate data Draws appropriate conclusions from the data | Usually records accurate data Able to draw some conclusions from the data | Errors in data recording Difficulty with interpreting data and making conclusions | Does not record data Unable to interpret data |

Science Grade 6

Participates productively in groups

| Exceeds | Meets | Nearing | Below |
|---------------------------------------|--|--|--|
| Emerges as a leader during group work | Consistently demonstrates a cooperative attitude Consistently contributes meaningfully to group efforts | Usually demonstrates a cooperative attitude Usually contributes meaningfully to group efforts | Rarely demonstrates a cooperative attitude Rarely contributes meaningful to group efforts |

Demonstrates quality work on assignments

| Exceeds | Meets | Nearing | Below |
|---|---|--|---|
| Consistently turns in assignments on time Consistently completes assignments and projects accurately Assignments and projects consistently demonstrate creative thinking and a complete understanding of the concepts presented | Consistently turns in assignments on time Consistently completes assignments and projects accurately Assignments and projects consistently demonstrate a complete understanding of the concepts that were presented | Usually turns in assignments on time Usually completes assignments and projects accurately Assignments and projects usually demonstrate a complete understanding of the concepts that were presented | Rarely turns assignments in on time Assignments and projects may be completed, but there are many errors or inaccurate or incomplete information Little or no evidence of understanding of concepts |

