



LAUSD Progress Report Correlations to K-5 Science Standards Suggestions for Student Science Work Portfolio

- Below are suggestions for artifacts that can be included in a student science portfolio as evidence of student progress toward proficiency on grade level standards.
- Keep in mind that no single measure can suffice to produce a grade, and many student tasks involve multiple standards.
- This is not an exhaustive list, but ways to think about grouping student work artifacts to help in the grading process.

Progress Report Science Categories	Possible Artifacts	Student Look Fors
<p>Content and Concepts Reflects knowledge and experiences related to a particular strand(s)</p>	<ul style="list-style-type: none"> • Program assessments • Teacher Observation • Pre/Post Test (1st-5th grade) • I-Checks (3rd-5th grade) • Embedded Assessments • Small group instruction observation • Science Notebooking Entries (K-5th) • Response Sheets • Science Notebook Sheets • Running records 	<ul style="list-style-type: none"> • Constructs explanations • Uses Science Notebook to answer questions and/or make content connections • Uses organizers and graphics to express comprehension • Records observations and data with written statements, numbers, and/or written statements
<p>Conducts Investigations Focus on skills needed for scientific inquiry and what the student is able to do with the content and concepts</p>	<ul style="list-style-type: none"> • Culminating tasks • Observations/observation checklists • Formative/summative assessments • Teacher Observation • I-Checks (3rd-5th grade) • Small group instruction observations • Science Notebooking Entries (K-5th) • Student-produced graphic organizers and graphics to express comprehension 	<ul style="list-style-type: none"> • Asks questions • Practices safety • Makes observations • Plans and conducts investigations • Uses a Science Notebook to record thoughts, ideas, data, and conclusions • Use science tools and techniques to gather data • Collaborate with others • Records observations and data with written statements, numbers, and/or written statements



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<p>Constructs Relevant Questions</p> <ul style="list-style-type: none"> Connects and communicates ideas Use evidence to support conclusions <p>(In order for students to learn how to ask good questions that can be answered through conducting investigations, they need to have many experiences during their elementary school years to develop these abilities)</p>	<ul style="list-style-type: none"> Teacher Observation Pre/Post Test (1st-5th grade) I-Checks (3rd-5th grade) Embedded Assessments Small group instruction observation Science Notebooking Entries (K-5th) Response Sheets Science Notebook Sheets Running records 	<ul style="list-style-type: none"> Makes predictions Communicates and discusses explanations Evidence included with explanations Communicates observations orally and uses academic vocabulary Compare and contrast Oral presentations Engagement in discourse Critical competitor (compares and/or applies to other concepts) Collaborate with others Discuss and justify evidence for explanation

Please note:

- The **left side** of the report card represents the science content strand that has been taught for a particular trimester; either Earth Science, Life Science, or Physical Science. The last row of that section is Engineering and is taught each trimester along with the science content strand for that trimester.
- The **right side** of the report card reflects how the student “*demonstrates Knowledge of the California Content Standards*” in science. In addition, when determining a mark for any of the science progress report categories elements of engineering can be considered as part of that section.
- Click on a grade level to view Science Grading Resources, Engineering Extensions, and Science Standards:**

Kindergarten	First Grade	Second Grade	Third Grade	Fourth Grade	Fifth Grade	Sixth Grade
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Engineering is taught in tandem with the science strands. The information below is for your consideration in assessing students in Engineering.

Progress Report Science Categories	Possible Artifacts	Student Look Fors
<p>*Engineering: Defines the problem</p> <ul style="list-style-type: none"> Develops possible solutions Multiple reiterations of the Engineering Design Process <p><i>(*Engineering is using anything human-made to design things to solve a problem or fulfill a desire)</i></p>	<ul style="list-style-type: none"> Diagram of multiple solutions Diagram with appropriate Labels Evaluation of prototype is reflected in Engineering Notebook Evidence that problem is understood Evidence of knowledge needed to inform the design solution Evidence of design solution 	<ul style="list-style-type: none"> Asks questions Makes observations Uses knowledge to apply to new materials Analyzes data and suggests additional steps to test solutions (prototypes) Uses all steps of the Engineering design Process Understands Requirements and Restrictions Works collaboratively

FOSS CA Information	FOSS Digital Account Access
<p>Digital Access:</p> <ul style="list-style-type: none"> Teachers can access digital content for FOSS CA Access provides the full version of any of the FOSS CA Teacher's Guides tools and resources Access also includes a digital version of most of the VHS tapes found in the FOSS/CA kits. 	<p>To create a FOSSweb Account go to https://www.fossweb.com</p> <ul style="list-style-type: none"> In the bottom left hand corner click on the goldenrod box that says "Educators: Don't have an account? Get started now." You will be asked to register for FOSSweb.com-register as an individual. Register by filling in all the requested information. Check for a confirmation email from loginhelp@schoolspecialty.com. If you do not receive it shortly after your registration submission, you may need to check your spam folder or add loginhelp@schoolspecialty.com to your email's safe list. After registering, check your email for the confirmation that your account is live. Click on the provided link and sign-in. Activate modules. Once you have logged in click: "Activate Your Access Code." Enter code: AME1CA8460. Choose the CA FOSS modules you need and click "Submit." You will be taken to a page that lists all the modules you requested. Please note the code provided automatically activates premium content.