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GRADE 11

LIFE SCIENCES PRACTICAL TASK 1
MARKING GUIDELINES

MARKS: 40

These MARKING GUIDELINES consist of 09 pages.

Life Science Grade Practical Exemplar

**Christine Y. O'Sullivan, Andrew R.
Weiss, Janice M. Askew**



Life Science Grade Practical Exemplar:

Student Work and Teacher Practices in Science Christine Y. O'Sullivan, Andrew R. Weiss, 1999 In 1996 the National Assessment of Educational Progress NAEP assessed the knowledge and skills of students in the areas of earth science life science and physical science It also collected information related to the background of students grades 4 8 and 12 their teachers grades 4 and 8 and the schools they attended grades 4 8 and 12 This report is intended primarily for science teachers hence the results presented relate directly to student performance classroom practices and school climate This report also discusses students attitudes and beliefs about science The report is divided into four parts In the first part chapter 1 an overview of the assessment is provided This includes information about the framework used in the development of the assessment a description of how the assessment was administered to students and an explanation of how to interpret NAEP results In the second part chapters 2 3 and 4 examples of questions and student responses are presented These chapters are divided by grade The third part chapters 5 and 6 contains information collected from students teachers and school administrators about classroom practices student motivation and parental involvement in learning Finally the fourth part contains appendices offering a fuller description of the procedures used for the NAEP 1996 science assessment appendix A scoring guides for questions discussed in chapters 2 3 and 4 appendix B and standard errors for the statistics presented in the report appendix C WRM

Students Learning Science Christine Y. O'Sullivan, Andrew R. Weiss, Janice M. Askew, 1998 This report on teachers academic preparation and professional development the amount of emphasis science instruction receives in schools student course taking and the availability of school resources that support science learning is intended primarily for policy makers school administrators and educators concerned with state or school level policies Data is drawn from the 1996 National Assessment of Educational Progress NAEP and results are presented using the students as the unit of analysis Appendices present an overview of procedures used for the NAEP 1996 Science Assessment and standard errors Contains 14 figures and 25 tables DDR

Students learning science : a report on policies and practices in U.S. schools , 1996 Science Performance Standards Mary Lyn Bourque, 1997 Fundamental Modern General Education , 1983 The Teachers Journal and Abstract , 1928

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