



ASSESSMENT & EXAMINATIONS

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ASSESSMENT INSTRUCTION 07 OF 2011

**TO: DEPUTY DIRECTOR-GENERAL
CHIEF DIRECTORS
HEAD OFFICE DIRECTORS AND DISTRICT DIRECTORS
CHIEF EDUCATION SPECIALISTS
EDUCATION DEVELOPMENT OFFICERS
DEPUTY CHIEF / SENIOR EDUCATION SPECIALISTS
PRINCIPALS OF PUBLIC AND INDEPENDENT SCHOOLS (GRADE 12)
TEACHER UNIONS / ORGANISATIONS
SCHOOL GOVERNING BODIES**

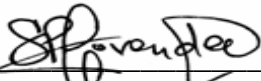
DATE: 06 JANUARY 2011

**2010 NATIONAL SENIOR CERTIFICATE (NSC)
MATHEMATICS & PHYSICAL SCIENCE
QUESTION BY QUESTION ANALYSIS**

1. Teaching and learning can be greatly enhanced by accurate feed-back on the performance of learners during assessment processes.
2. To this end the Directorate Assessment & Examinations send out reports drawn up during the marking of National Senior Certificate answer scripts each year. Assessment Instruction 06 of 2011 refers this year.
3. In addition to these reports, the Directorate Assessment and Examinations have analysed, question by question, the marks achieved by candidates who wrote Mathematics and Physical Science.
4. Each question in these NSC examination papers examines different assessment standards embodying skills, knowledge, values and attitudes. An analysis of the marks obtained by learners in response to each question, should provide

valuable information that may serve as a basis for interrogation of teaching methods, content knowledge and approach in schools and Districts.

5. Each CES: Curriculum in Districts has been supplied with a CD with the analysis of Mathematics and Physical Science for every school in the District. It is expected that the Subject Advisor of Mathematics and Physical Science will assist in the dissemination of the data to schools.
6. Principals are urged to collect this valuable data and hand it to teachers as soon as possible. It is hoped that meaningful analysis of the data will result in more focused interventions to remedy shortcomings in the responses of learners.



S. P. GOVENDER
CHIEF DIRECTOR CURRICULUM MANAGEMENT