

SCIENCE 10

TABLE OF SPECIFICATIONS FOR THE PROVINCIAL EXAMINATION

CURRICULUM		COGNITIVE LEVEL				TOTAL %
ORGANIZERS	SUB-ORGANIZERS	SUB-TOTAL	Knowledge	Understanding and Application	Higher Mental Processes	
1 – Applications of Science	A. Applications of Science	0	Integrated throughout Organizers 2, 3 and 4.			0
2 – Life Science	B. Cells	15	←————— 26 —————→			26
	C. Genetics	11				
3 – Physical Science	D. Chemicals and Reactions	21	←————— 52 —————→			52
	E. Electricity and Magnetism	26				
	F. Radioactivity	5				
4 – Earth and Space Science	G. Earth Forces	22	←————— 22 —————→			22
TOTAL %		100	28–32	56–64	8–12	100

The values in this table are approximate. The weighting of each topic reflects approximately the amount of instructional time spent on that topic. Since it is not possible to test all Prescribed Learning Outcomes (PLOs), the examination will be based upon a representative sampling of the curriculum.

The time allotted for the provincial examination is **two hours**. *Students may, however, take up to 60 minutes of additional time to finish.*

Examination configuration:

Matching Questions	up to 20% of the examination
True-and-False Questions	up to 20% of the examination
Multiple-Choice Questions	up to 75% of the examination

Acknowledgement

The Assessment Branch wishes to acknowledge the contribution of British Columbia teachers in the preparation and review of this document.

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DESCRIPTION OF THE PROVINCIAL EXAMINATION

The *Table of Specifications* outlines the curriculum organizers, sub-organizers and the percentage weighting at each cognitive level.

The provincial examination is divided into **three** types of questions:

Matching questions worth up to 20% of the examination. The format of matching questions is shown in the section of this document titled Exemplars for Question Styles.

True-and-False questions worth up to 20% of the examination.

Multiple-Choice questions worth up to 75% of the examination. The format of some multiple-choice questions is shown in the section of the document titled Exemplars for Question Styles.

Teachers and students should become familiar with using the *Data Pages*. It will be a valuable resource for answering some of the questions on each examination.