



TO: Personnel authorized to utilize student data files  
FROM: Data Recognition Corporation  
DATE: March 7, 2019  
SUBJECT: 2018-2019 Winter Keystone Exams Results

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The 2018-2019 Winter Keystone Exams District Student Data File provides a means to analyze academic performance data. These analyses can be used for academic planning purposes, improving curriculum, and providing further educational help to students.

**To see a student's best score to date, please refer to columns BP, BQ, and BR.**

All student-level data is in a CSV format and will open with your default spreadsheet application, most commonly Microsoft Excel. DRC recommends that these files be saved locally in a secure location and maintained as "read only" files.

It is the responsibility of the LEA and personnel from tested sites accessing the data to maintain strict confidentiality of test data. Please control access to these files by only granting permissions to those individuals who should have access to confidential student information. It is recommended that all individuals who are given access sign a confidentiality agreement before they use this data.

A data file "map" of field locations and descriptions is outlined on the following pages of this memo. If you have any questions, please contact Data Recognition Corporation's PA Customer Service Representatives at 1-800-451-7849 or email [pacustomerservice@datarecognitioncorp.com](mailto:pacustomerservice@datarecognitioncorp.com).

Thank you.

Column	Header Name	Valid Values	Comments/Description
A	Test Name	A1 = Algebra I BIO = Biology LIT = Literature Blank is not valid	Subject Assessed
B	Tested District AUN		
C	Tested District Name		
D	Tested School Code		
E	Tested School Name		
F	Tested District BEN Institutional Code	01 = Pub-Reg 02 = IU 03 = AVTS 04 = Charter 05 = State-owned 06 = Special Program Jointure 07 = Juvenile Correction Facility 09 = NonPub 12 = Lic Pvt Acad Sch 14 = App Pvt Sch 18 = Pvt Res Rehab Inst (PRRI) 39 = PDE approved alternate programs without PDE issued AUN	If files are opened in Excel, all 2-digit codes will appear with only one digit. Example: The 00 will appear as 0 and the 01 will appear as a 1.
G	DRC Student ID (DRC Record Number)	Blank is not valid	Unique student identifier for the administration
H	Master Student ID	Blank is not valid	Identifier to link the student across administrations
I	PAsecureID	Blank is valid	State issued ID
J	Local Student ID	Blank is valid	Locally issued ID
K	Student Last Name	Blank is valid	
L	Student First Name	Blank is valid	
M	Student Middle Initial	Blank is valid	
N	Birthdate	Blank is valid	Format: mmddccyy
O	Grade	01 – 12 - Blank is valid	
P	Admin Year	Blank is not valid	Year of the current assessment
Q	Admin Date	Valid values are Winter, Spring, or Summer Blank is not valid	
R	Module 1 Form Number	Algebra I = 01 – 20 Biology = 01 – 20 Literature = 01 – 20 Blank is valid	Indicates the form the student took for the current administration.
S	Module 1 Spanish Version	Y or N Blank is valid	Indicates the student took a Spanish version for the current administration.
T	Module 1 Attempted	Y or N Blank is valid	Indicates the student met the attempt logic (attempted 5 or more items) for this module on the current administration.

Column	Header Name	Valid Values	Comments/Description
U	Module 1 Result	1 = Passed 2 = Not Passed Blank is valid	Indicates the student passed this module for the current administration.
V	Module 1 Exclusion Code	00=No Exclusion 01=Parental – per Chapter 4 02=Parental – Other 03=Extended Absence 04=Other 06=Non attempt & no exclusion marked 07=multiple codes 08=medical emergency 10 = EL 1st year (Literature only) NT=Did Not Test KP=Non-Keystone Proficient Blank is not valid	Indicates why a student may not have received a score for the current administration.  Because files are usually opened in Excel, 2-digit codes will appear with only one digit. Example: The 00 will appear as 0 and the 01 will appear as a 1.
W	Module 1 Mode	O = Online P = Paper Blank is not valid	For the current administration.
X	Module 1 Scaled Score	May be blank Format is 999.9	For the current administration.
Y	Module 1 Raw Score	May be blank Format is 999.9	For the current administration. See page 14 for more information.
Z	Module 1 Anchor 1 Raw Score	May be blank Format is 999.9	For the current administration. See page 14 for more information.
AA	Module 1 Anchor 1 CR Raw Score	May be blank Format is 999.9	For the current administration.
AB	Module 1 Anchor 2 Raw Score	May be blank Format is 999.9	For the current administration. See page 14 for more information.
AC	Module 1 Anchor 2 CR Raw Score	May be blank Format is 999.9	For the current administration.
AD	Module 1 Anchor 3 Raw Score	May be blank Format is 999.9	For the current administration. Will be blank for Literature records. See page 14 for more information.
AE	Module 1 Anchor 3 CR Raw Score	May be blank Format is 999.9	For the current administration. Will be blank for Literature records.
AF	Module 1 Anchor 4 Raw Score	May be blank Format is 999.9	For the current administration. Will be blank for Literature and Algebra records. See page 14 for more information.
AG	Module 1 Anchor 4 CR Raw Score	May be blank Format is 999.9	For the current administration. Will be blank for Literature and Algebra records.
AH	Module 2 Form Number	Algebra I = 01 – 20 Biology = 01 – 20 Literature = 01 – 20 Blank is valid	Indicates the form the student took for the current administration.

Column	Header Name	Valid Values	Comments/Description
AI	Module 2 Spanish Version	Y or N Blank is valid	Indicates the student took a Spanish version for the current administration.
AJ	Module 2 Attempted	Y or N Blank is valid	Indicates the student met the attempt logic (attempted 5 or more items) for this module for the current administration.
AK	Module 2 Result	1 = Passed 2 = Not Passed Blank is valid	Indicates the student passed this module For the current administration.
AL	Module 2 Exclusion Code	00=No Exclusion 01=Parental – per Chapter 4 02=Parental – Other 03=Extended Absence 04=Other 06=Non attempt & no exclusion marked 07=multiple codes 08=medical emergency 10 = EL 1st year (Literature only) NT=Did Not Test KP=Non-Keystone Proficient Blank is not valid	Indicates why a student may not have received a score for the current administration.  Because files are usually opened in Excel 2-digit codes will appear with only one digit. Example: The 00 will appear as 0 and the 01 will appear as a 1.
AM	Module 2 Mode	O = Online P = Paper Blank is not valid	For the current administration.
AN	Module 2 Scaled Score	May be blank Format is 999.9	For the current administration.
AO	Module 2 Raw Score	May be blank Format is 999.9	For the current administration. See page 14 for more information.
AP	Module 2 Anchor 1 Raw Score	May be blank Format is 999.9	For the current administration. See page 14 for more information.
AQ	Module 2 Anchor 1 CR Raw Score	May be blank Format is 999.9	For the current administration.
AR	Module 2 Anchor 2 Raw Score	May be blank Format is 999.9	For the current administration. See page 14 for more information.
AS	Module 2 Anchor 2 CR Raw Score	May be blank Format is 999.9	For the current administration.
AT	Module 2 Anchor 3 Raw Score	May be blank Format is 999.9	For the current administration. Will be blank for Literature records. See page 14 for more information.
AU	Module 2 Anchor 3 CR Raw Score	May be blank Format is 999.9	For the current administration. Will be blank for Literature records.
AV	Module 2 Anchor 4 Raw Score	May be blank Format is 999.9	For the current administration. Will be blank for Literature and Algebra records. See page 14 for more information.

Column	Header Name	Valid Values	Comments/Description
AW	Module 2 Anchor 4 CR Raw Score	May be blank Format is 999.9	For the current administration. Will be blank for Literature and Algebra records.
AX	First Time or Re-Test	01 = First Time 02 = Re-test	For the current administration.
AY	Admin Scale Score	May be blank if only one module was attempted. Format is 9999	<b>This scale score is for the current administration.</b> If you want the student's Best Scale Score to date, refer to column BP.
AZ	Admin Scale Score Standard Error of Measurement	May be blank if only one module was attempted.	For the current administration.
BA	Admin Raw Score	May be blank if only one module was attempted. Format is 999.9	For the current administration. See page 14 for more information.
BB	Admin Multiple Choice Total Raw Score	May be blank if only one module was attempted. Format is 999.9	For the current administration. See page 14 for more information.
BC	Admin Constructed Response Total Raw Score	May be blank if only one module was attempted. Format is 999.9	For the current administration. See page 14 for more information.
BD	Admin Performance Level Code	4=Advanced 3=Proficient 2=Basic 1=Below Basic May be blank if only one module was attempted.	<b>This Performance Level Code is for the current administration.</b> If you want the student's Best Performance Level Code refer to column BQ.
BE	Admin Performance Level Name	Adv=Advanced Pro=Proficient Bas=Basic Bel=Below Basic May be blank if only one module was attempted.	<b>This Performance Level is for the current administration.</b> If you want the student's Best Performance Level refer to column BR.
BF	Combined Admin Score Flag	Y indicates that this student had multiple test events for this administration that were used to calculate the Admin Score N indicates that this student had only one test used to calculate the Admin Score only or no Admin Score is available.	
BG	Code of Conduct	Y = marked N = not marked	
BH	Course Contribution Score 1/3 of Grade Option	May be blank	For the current administration. This field is only used by districts that use the Keystone Exams as part of the student's course score.
BI	Course Contribution Score Alternate Option	May be blank	For the current administration. This field is only used by districts that use the Keystone Exams as part of the student's course score.

Column	Header Name	Valid Values	Comments/Description
BJ	Module 1 Best Score Result	1 = Passed 2 = Not Passed May be blank	This could be from the current administration or from a past test event.
BK	Module 1 Best Scale Score	Best Scale Score May be blank Format is 9999	This could be from the current administration or from a past test event.
BL	Module 1 Best Score Test Date	Current or previous administration date and year. May be blank	This could be from the current administration or from a past test event.
BM	Module 2 Best Score Result	1 = Passed 2 = Not Passed May be blank	This could be from the current administration or from a past test event.
BN	Module 2 Best Scale Score	Best Scale Score May be blank Format is 9999	This could be from the current administration or from a past test event.
BO	Module 2 Best Score Test Date	Current or previous administration date and year. May be blank	This could be from the current administration or from a past test event.
BP	Best Scale Score	May be blank Format is 9999	Best Scale Score is the combined results from modules 1 and 2 from the current administration or from a past test event and used for reporting.
BQ	Best Performance Level Code	4=Advanced 3=Proficient 2=Basic 1=Below Basic May be blank	Best Performance Level Code is the combined results from modules 1 and 2 from the current administration or from a past test event and used for reporting.
BR	Best Performance Level Name	Adv=Advanced Pro=Proficient Bas=Basic Bel=Below Basic May be blank	Best Performance Level is the combined results from modules 1 and 2 from the current administration or from a past test event and used for reporting.
BS	Best Performance Standard Error of Measurement	May be blank if there is no Best Scale Score.	
BT	Test Event 1 Module 1 Result	1 = Passed 2 = Not Passed May be blank	This data is from the student's most recent test event
BU	Test Event 1 Module 1 Scale Score	Scale Score May be blank Format is 9999	This data is from the student's most recent test event
BV	Test Event 1 Module 1 Test Date	Current or previous administration date and year. May be blank	This data is from the student's most recent test event

Column	Header Name	Valid Values	Comments/Description
BW	Test Event 1 Module 1 Exclusion Code	00=No Exclusion 01=Parental – per Chapter 4 02=Parental – Other 03=Extended Absence 04=Other 05=Absent w/o Makeup 06=Non attempt & no exclusion marked 07=multiple codes 08=medical emergency 10=EL 1st year (Literature only) NT=Did Not Test KP=Non-Keystone Proficient Blank is not valid	This data is from the student's most recent test event
BX	Test Event 2 Module 1 Result	1 = Passed 2 = Not Passed May be blank	This data is from the student's second most recent test event
BY	Test Event 2 Module 1 Scale Score	Scale Score May be blank Format is 9999	This data is from the student's second most recent test event
BZ	Test Event 2 Module 1 Test Date	Current or previous administration date and year. May be blank	This data is from the student's second most recent test event
CA	Test Event 2 Module 1 Exclusion Code	00=No Exclusion 01=Parental – per Chapter 4 02=Parental – Other 03=Extended Absence 04=Other 05=Absent w/o Makeup 06=Non attempt & no exclusion marked 07=multiple codes 08=medical emergency 10=EL 1st year (Literature only) NT=Did Not Test KP=Non-Keystone Proficient May be blank	This data is from the student's second most recent test event
CB	Test Event 3 Module 1 Result	1 = Passed 2 = Not Passed May be blank	This data is from the student's third most recent test event
CC	Test Event 3 Module 1 Scale Score	Scale Score May be blank Format is 9999	This data is from the student's third most recent test event
CD	Test Event 3 Module 1 Test Date	Current or previous administration date and year. May be blank	This data is from the student's third most recent test event

Column	Header Name	Valid Values	Comments/Description
CE	Test Event 3 Module 1 Exclusion Code	00=No Exclusion 01=Parental – per Chapter 4 02=Parental – Other 03=Extended Absence 04=Other 05=Absent w/o Makeup 06=Non attempt & no exclusion marked 07=multiple codes 08=medical emergency 10=EL 1st year (Literature only) NT=Did Not Test KP=Non-Keystone Proficient May be blank	This data is from the student's third most recent test event
CF	Test Event 1 Module 2 Result	1 = Passed 2 = Not Passed May be blank	This data is from the student's most recent test event
CG	Test Event 1 Module 2 Scale Score	Scale Score May be blank Format is 9999	This data is from the student's most recent test event
CH	Test Event 1 Module 2 Test Date	Current or previous administration date and year. May not be blank.	This data is from the student's most recent test event
CI	Test Event 1 Module 2 Exclusion Code	00=No Exclusion 01=Parental – per Chapter 4 02=Parental – Other 03=Extended Absence 04=Other 05=Absent w/o Makeup 06=Non attempt & no exclusion marked 07=multiple codes 08=medical emergency 10=EL 1st year (Literature only) NT=Did Not Test KP=Non-Keystone Proficient Blank is not valid	This data is from the student's most recent test event
CJ	Test Event 2 Module 2 Result	1 = Passed 2 = Not Passed May be blank	This data is from the student's second most recent test event
CK	Test Event 2 Module 2 Scale Score	Scale Score May be blank Format is 9999	This data is from the student's second most recent test event
CL	Test Event 2 Module 2 Test Date	Current or previous administration date and year. May be blank	This data is from the student's second most recent test event



Column	Header Name	Valid Values	Comments/Description
CM	Test Event 2 Module 2 Exclusion Code	00=No Exclusion 01=Parental – per Chapter 4 02=Parental – Other 03=Extended Absence 04=Other 05=Absent w/o Makeup 06=Non attempt & no exclusion marked 07=multiple codes 08=medical emergency 10=EL 1st year (Literature only) NT=Did Not Test KP=Non-Keystone Proficient May be blank	This data is from the student's second most recent test event
CN	Test Event 3 Module 2 Result	1 = Passed 2 = Not Passed May be blank	This data is from the student's third most recent test event
CO	Test Event 3 Module 2 Scale Score	Scale Score May be blank Format is 9999	This data is from the student's third most recent test event
CP	Test Event 3 Module 2 Test Date	Current or previous administration date and year. May be blank	This data is from the student's third most recent test event
CQ	Test Event 3 Module 2 Exclusion Code	00=No Exclusion 01=Parental – per Chapter 4 02=Parental – Other 03=Extended Absence 04=Other 05=Absent w/o Makeup 06=Non attempt & no exclusion marked 07=multiple codes 08=medical emergency 10=EL 1st year (Literature only) NT=Did Not Test KP=Non-Keystone Proficient May be blank	This data is from the student's third most recent test event
<b>The information in columns CK through FK comes from the current administration</b>			
CR	Exclusion – Medical Emergency	1=marked Blank if not marked	
CS	Exclusion – Parental Request per Chapter 4	1=marked Blank if not marked	
CT	Exclusion – Parental Request Other Reasons	1=marked Blank if not marked	
CU	Exclusion – Extended Absence	1=marked Blank if not marked	
CV	Exclusion – Other	1=marked Blank if not marked	
CW	Gender	M=Male F=Female Blank is valid	

Column	Header Name	Valid Values	Comments/Description
CX	Ethnicity Code	01=American Indian/Alaskan Native (not Hispanic) 03=Black or African American (not Hispanic) 04=Hispanic (any race) 05=White (not Hispanic) 06=Multi-Racial (not Hispanic) 09=Asian (not Hispanic) 10=Native Hawaiian or other Pacific Islander (not Hispanic) Blank is Valid	Because files are usually opened in Excel, 2-digit codes will appear with only one digit. Example: The 00 will appear as 0 and the 01 will appear as a 1.
CY	IEP (not gifted)	Y or N Blank is not valid	
CZ	IEP Exited	Y or N Blank is not valid	
DA	Title I	Y or N Blank is not valid	
DB	Migratory Child	Y or N Blank is not valid	
DC	EL Status	1 = EL and enrolled in a U.S. school after end of previous admin test window. 2 = EL and enrolled in a U.S. school on or before end of previous admin test window 3 = Exited ESL / bilingual program and in first year of monitoring 4 = Exited ESL / bilingual program and in second year of monitoring 5 = Formerly EL and no longer monitored 6 = LIFE and 1st Year enrolled in EL program after end of previous admin test window 7 = LIFE and enrolled in EL program on or before end of previous admin test window 8 = Former EL, exited, and in 3rd year of monitoring 9 = Former EL, exited, and in 4th year of monitoring Blank is Valid	
DD	Title III	1=Title III Served 2=Title III Not Served 0 = Not Title III	
DE	Foreign Exchange Student	Y or N Blank is not valid	
DF	Economically Disadvantaged	Y or N Blank is not valid	Student classified as economically disadvantaged

Column	Header Name	Valid Values	Comments/Description
DG	Historically Underperforming Subgroup	Y or N Blank is not valid	
DH	Enrolled after Oct 1 2018 – Schl	Y or N Blank is not valid	Enrolled in this school after Oct 1, 2018
DI	Enrolled after Oct 1 2018 – Dist	Y or N Blank is not valid	Enrolled in this district after Oct 1, 2018
DJ	PA resident after Oct 1 2018	Y or N Blank is not valid	Became PA resident after Oct 1, 2018
DK	Enrolled after Oct 1 2017 on or before Oct 1 2018-Sch	Y or N Blank is not valid	Enrolled in school between Oct. 1, 2017 and Oct 1, 2018
DL	Enrolled after Oct 1 2017 on or before Oct 1 2018 – Dist	Y or N Blank is not valid	Enrolled in district between Oct. 1, 2017 and Oct 1, 2018
DM	Court/Agency placed & participated	Y or N Blank is not valid	Student court/agency placed & participated in the assessment
DN	Home-school student	Y or N Blank is not valid	
DO	CTC District of Residence	9-digit numeric Blank is valid	Home District for Full Time CTC Students Only
DP	District of Residence	9-digit numeric Blank is valid	
DQ	School of Residence	9-digit numeric Blank is valid	
DR	Braille Format	Y or N Blank is not valid	Paper/Pencil Only Online will be N
DS	Large-Print Format	Y or N Blank is not valid	Paper/Pencil Only Online will be N
DT	Computer Assistive Technology	Y or N Blank is not valid	Paper/Pencil Only Online will be N
DU	Some Test Items/Questions Read Aloud	Y or N Blank is not valid	Algebra I & Biology Only Literature will be N
DV	All Test Items/Questions Read Aloud	Y or N Blank is not valid	Algebra I & Biology Only Literature will be N
DW	Test Items/Questions Signed	Y or N Blank is not valid	Algebra I & Biology Only Literature will be N
DX	Test Items/Questions interpreted for EL	Y or N Blank is not valid	Algebra I & Biology Only Literature will be N
DY	Amplification Device	Y or N Blank is not valid	
DZ	Magnification Device	Y or N Blank is not valid	
EA	Color overlay	Y or N Blank is not valid	
EB	Other	Y or N Blank is not valid	
EC	Audio	Y or N Blank is not valid	Algebra I & Biology Only Online only
ED	Color Chooser	Y or N Blank is not valid	Online only
EE	Contrasting Text Chooser	Y or N Blank is not valid	Online only

Column	Header Name	Valid Values	Comments/Description
EF	Reverse Contrast	Y or N Blank is not valid.	Online only
EG	Video Sign Language	Y or N Blank is not valid	Algebra I & Biology Only Online only
EH	Refreshable Braille	Y or N Blank is not valid.	Online only
EI	Hospital/Home Setting	Y or N Blank is not valid	
EJ	One-on-One Setting	Y or N Blank is not valid	
EK	Small Group Testing	Y or N Blank is not valid	
EL	Other	Y or N Blank is not valid	
EM	Test Administrator Marks Test	Y or N Blank is not valid	Test Administrator Marked Test at Student's Direction (MC items only)
EN	Test Administrator Scribed OE	Y or N Blank is not valid	Test Administrator scribed open-ended responses at student's direction
EO	Test Administrator Transcribed	Y or N Blank is not valid	Test Administrator transcribed student responses
EP	Qualified Interpreter Translated – Signed	Y or N Blank is not valid Literature will be N	Qualified Interpreter translated, transcribed and/or scribed EL student responses Algebra I & Biology Only
EQ	Qualified Interpreter Translated – EL	Y or N Blank is not valid Literature will be N	Qualified Interpreter translated, transcribed and/or scribed EL student responses Algebra I & Biology Only
ER	Keyboard/Word Processor/Computer Used	Y or N Blank is not valid	Paper/pencil Only Online will be N
ES	Braille/Note Taker	Y or N Blank is not valid	Paper/pencil Only Online will be N
ET	Augmentative Communication Device	Y or N Blank is not valid	Paper/pencil Only Online will be N
EU	Computer-Assistive Technology	Y or N Blank is not valid	Paper/pencil Only Online will be N
EV	Translation Dictionary	Y or N Blank is not valid	Algebra I & Biology Only Literature will be N
EW	Other	Y or N - Blank is not valid	
EX	Extended Time	Y or N - Blank is not valid	
EY	Frequent Breaks	Y or N - Blank is not valid	
EZ	Changed Test Schedule	Y or N - Blank is not valid	
FA	Other	Y or N - Blank is not valid	
FB	Optional Field 1	Y or N	
FC	Optional Field 2	Y or N	
FD	Optional Field 3	Y or N	
FE	Optional Field 4	Y or N	

Column	Header Name	Valid Values	Comments/Description
FF	Federal EL Subgroup	Y indicates inclusion in the subgroup. A student will be included in the Federal EL Subgroup if the EL Status value is one of the following: 2, 3, 4, 7, 8 or 9.	Y or N Blank is not valid
FG	Federal Non-EL Subgroup	Y indicates inclusion in the subgroup. A student will be included in the Federal Non-EL Subgroup if the EL Status value is 5 or blank.	Y or N Blank is not valid
FH	Military Family	Y indicates inclusion in subgroup	Y or N Blank is not valid
FI	Homeless	Y indicates inclusion in subgroup	Y or N Blank is not valid
FJ	Foster	Y indicates inclusion in subgroup	Y or N Blank is not valid
FK	Section 504		Y or N Blank is not valid

**2018-2019 Winter Keystone Exams**  
**Total Points Possible by Module and Assessment Anchor**

<b>Algebra</b>		
Module/Assessment Anchor Description	Module/Anchor Code	Total Points Possible
<b>Module 1 – Operations and Linear Equations &amp; Inequalities</b>	<b>A1.1</b>	<b>30</b>
Operations with Real Numbers and Expressions	A1.1.1	10
Linear Equations	A1.1.2	10
Linear Inequalities	A1.1.3	10
<b>Module 2 – Linear Functions and Data Organizations</b>	<b>A1.2</b>	<b>30</b>
Functions	A1.2.1	10
Coordinate Geometry	A1.2.2	10
Data Analysis	A1.2.3	10
Assessment Total		60

<b>Literature</b>		
Module/Assessment Anchor Description	Module/Anchor Code	Total Points Possible
<b>Module 1 – Fiction</b>	<b>L.F</b>	<b>26</b>
Reading for Meaning – Fiction	L.F.1	6
Analyzing and Interpreting Literature – Fiction	L.F.2	20
<b>Module 2 – Nonfiction</b>	<b>L.N</b>	<b>26</b>
Reading for Meaning – Nonfiction	L.N.1	6
Analyzing and Interpreting Literature – Nonfiction	L.N.2	20
Assessment Total		52

<b>Biology</b>		
Module/Assessment Anchor Description	Module/Anchor Code	Total Points Possible
<b>Module 1 – Cells and Cell Processes</b>	<b>BIO.A</b>	<b>33</b>
Basic Biological Principles	BIO.A.1	7
The Chemical Basis for Life	BIO.A.2	9
Bioenergetics	BIO.A.3	8
Homeostasis and Transport	BIO.A.4	9
<b>Module 2 – Continuity and Unity of Life</b>	<b>BIO.B</b>	<b>33</b>
Cell Growth and Reproduction	BIO.B.1	7
Genetics	BIO.B.2	8
Theory of Evolution	BIO.B.3	8
Ecology	BIO.B.4	10
Assessment Total		66