



# RETENTIONedu

## Educational Computers for Students

### Content Summary

[www.retentionrange.co.bw/edu/](https://www.retentionrange.co.bw/edu/)

# Table of Contents

User Profile.....	2
Educational Packages.....	2
Preschool.....	2
Primary.....	3
Secondary.....	9
Tertiary.....	10
Accessing Educational Programs.....	11

RETENTIONedu is based on Ubuntu operating system and ship prepackaged with educational packages for Preschool, Primary, Secondary and tertiary students. It also has full office suite to facilitate Word processing, Spread sheets, Presentation slides, internet browsing and other Office or home activities. It comes with latest software to connect peripheral devices such as Printers and Scanners. It is suitable for schools and homes.

## Educational Packages

### Preschool

Mouse Tutor	<ul style="list-style-type: none"> <li>☐ Move Mouse</li> <li>☐ Click Left</li> <li>☐ Click Right</li> <li>☐ Double Click</li> <li>☐ Drag and Drop</li> </ul>
Keyboard Tutor	<ul style="list-style-type: none"> <li>☐ Alphabets Identification</li> <li>☐ Number Identification</li> <li>☐ <i>word-processing for Kids</i></li> </ul>
Pronunciation	<ul style="list-style-type: none"> <li>☐ Alphabets and short words sounds,</li> <li>☐ Match sound to alphabet</li> <li>☐ Match sound to short word</li> </ul>
Painting	☐ Painting Program for Young Children
Educational pack - Preschool	<i>Mouse and Keyboard skills through kids games,  Learn Numbers – Numeric  Learn Numbers – Counting  Learn Numbers – Words  Trace alphabets and numbers,  memory games,  Discover Missing Items  Mix Colours  Find hidden items  Draw numbers  Number Sequence  Order Numbers  Counting with dice  Match items</i>

***Primary***

Educational Pack  
- Primary

**Mathematics***Number Sequence**Order Numbers**Prime numbers**Even and Odd Numbers***Addition**

addition (1 digit)

Find Missing Numbers

Match Answer to problem

Fill Addition Table

Columnar addition (Demonstration + Practice)

□ add, carry

**Subtraction**

Simple subtraction (-) 1 digit

Find Missing Numbers

Choose Plus (+) or (-) Minus to solve

Columnar subtraction (Demonstration + Practice)

- subtract, borrow

**Multiplication**

Multiplication tables

Find the Multiplier

Find the Solution

Find Missing Numbers

Match Answer with Solution

Multiplication table Quiz

Long Multiplication (Demonstration + Practice)

- multiply, add, carry

**Division**

Simple Division

Division Table

Find Solution

Find Missing Number  
Match problem to answer  
Long Division (Demonstration + Practice)

- divide, multiply, subtract, drop number

***Convert roman number to arabic***

***Balance scale in Kg***

***Balance the scale – add Weights***

***Problem Solving***

**Money**

*Money – pay*

*Money – Give Change*

**Fractions**

Learning Fraction (Demonstration)

Fraction Groups

Practical exercises for fractions

Identify Numerator

Defining Fractions

Comparing Fractions

Extending Fractions

Reducing Fractions

Improper Fractions

Mixed Fractions

Adding Fractions

Subtracting

Multiplying

Dividing by numbers

dividing numbers by Fractions

Dividing Fractions by Fractions

**Shapes**

Triangles

How to find Area

How to find Perimeter

**Cube**

Calculating Surface Area

Calculating Volume

**Time**

Analogue Clock

Drag Clock hands to set time

What is the time?

Match digital Clock with Analogue Clock

Digital Clock (AM, PM, 24hrs)

Practice - State time, *Set time to hour, Minutes, Seconds***English***word-processing for Kids**Pronunciation Short Words**Learn to write Letters and Numbers**Learn Alphabets – Upper Case letters**Learn Alphabets – Lower Case letters**Sort Alphabets – Upper Case letters**Sort Alphabets – Lower Case letters***Word Building** – Animals, People, Jobs, Sports, Actions, Clothes and accessories**Build Vocabulary** – Jumbled words*animals, Clothing, Computers, Currencies, Fruits, Inventions, Numbers, Objects, People, Professions, Space, Sports, Transportation, Vegetables, World Capitals, etc.***Dictionary***Words Meaning, Synonyms, Relatives, Antonyms, Derivatives***Science**

Body Parts

*Water Cycle**Renewable Energy**Introduction to Gravity*

*Kids experiments*  
*Programming for young children*

**Agriculture**  
Nature  
*Domestic Animals and their Sounds*  
*World Animals and their locations*  
Vegetables  
Food

**Social Studies**  
Transportation  
Constructions  
*Draw Continents*  
Botswana Map  
Location of Districts  
District Maps  
Identify Districts by Capitals  
Identify Capitals of Districts  
Africa  
Countries  
Location of Countries  
Identify Countries by Capital  
Capitals of Countries  
Identify Countries by flags  
World Map  
World Continents  
*World Waters*  
*Virtual Globe - Atlas*  
*World Monuments*

**Art**  
Painting  
Colours  
Label Colours  
Color Matching  
Color Mixing  
Subtractive Colour Mixing

	<p>Additive Colour Mixing Adjust Colour Intensity Drawing Tools</p> <p><b>Music</b> <i>Identify Musical instruments</i> <i>Learn Musical Instruments sounds</i> <i>Music by locations</i></p>
Quiz Creator	Creates Flashcard, Multiple Choice and Question and Answer quizzes
Typing	<p>Typing Lessons ( 43 lessons) Hand Positioning Match Fingers to Keyboard letters Type Characters Type Numbers Capitalisation Measures (Typing speed – characters per Minute, Words Per Minute, Accuracy) Finger exercises Word Typing Exercises (Short Words, Long Words, Oceans and Contents, Plants, Animals, Elements, Fruits)</p>
Maths Games	<ul style="list-style-type: none"> <li>☐ Number typing</li> <li>☐ Addition (1 to 3, 0 to 5, sums to 10, sums to 15, two digit numbers, Missing Numbers,</li> <li>☐ Subtraction (0 to 10, 0 to 20, two digit numbers,</li> <li>☐ Multiplication (0 to 3, 0 to 5, 0 to 7, 0 to 10, 0 to 15)</li> <li>☐ Multiples of 2 to 15,</li> <li>☐ Multiplication: Missing Numbers</li> <li>☐ Division</li> <li>☐ Division by 2, 3, ....15</li> <li>☐ Division 1 to 5, 1 to 10, 1 to 12, 1 to 15</li> <li>☐ Typing negative Numbers</li> <li>☐ Subtraction: Negative Answers</li> <li>☐ Adding Negatives to Positives</li> <li>☐ Adding Positives to Negatives</li> <li>☐ Subtracting negatives from positives</li> </ul>



	<ul style="list-style-type: none"> <li>▢ Subtracting positives from negatives</li> <li>▢ Adding Negatives to negatives</li> <li>▢ Subtracting negatives from negatives</li> <li>▢ Multiplication and division of negatives</li> <li>▢ Multiplication of positive and negatives</li> <li>▢ Division of positives and negatives</li> </ul>
Other Educational Activities	<ul style="list-style-type: none"> <li>▢ <i>memory games,</i></li> <li>▢ <i>Discover Missing Items</i></li> <li>▢ <i>Find escape routes</i></li> <li>▢ <i>Find hidden Items</i></li> <li>▢ <i>Elements category</i></li> <li>▢ <i>Reproduce drawings</i></li> <li>▢ <i>Puzzles</i></li> </ul>
Board Games	▢ <i>Learn Chess, Checkers, Mohele etc</i>
Syllabus	Lower & Upper Primary All Subjects, ICT
Assessment	Exercises & Tests for Preschool, Standard 1 to 7 covering Setswana, Maths, English, Science, Cultural Studies, Social Studies and RME. Also, Mocks & Past Exam Papers Std 7

**Secondary**

<input type="checkbox"/>	E-book converter and library management
<input type="checkbox"/>	Diagram editor
<input type="checkbox"/>	Vector-based drawing program
<input type="checkbox"/>	Periodic table and chemistry tools
<input type="checkbox"/>	Fraction learning aid
<input type="checkbox"/>	Interactive geometry tool
<input type="checkbox"/>	Mathematical function plotter
<input type="checkbox"/>	Typing tutor
<input type="checkbox"/>	Educational programming environment
<input type="checkbox"/>	Flashcard learning program
<input type="checkbox"/>	Algebraic graphing calculator
<input type="checkbox"/>	Geography learning aid
<input type="checkbox"/>	Desktop planetarium
<input type="checkbox"/>	Learn how to program with ants and spider webs
<input type="checkbox"/>	Mathematical function graph plotter
<input type="checkbox"/>	Globe and map widget
<input type="checkbox"/>	Vocabulary trainer
<input type="checkbox"/>	Animation/drawing software
<input type="checkbox"/>	Interactive physical simulator
<input type="checkbox"/>	Chemical structures drawing program
<input type="checkbox"/>	Mind Map Tool
<input type="checkbox"/>	Maths Tutor
<input type="checkbox"/>	Educational Typing Tutor
<input type="checkbox"/>	Dictionary and Thesaurus
<input type="checkbox"/>	Practical exercises for fractions
<input type="checkbox"/>	Form 1 to Form 5 syllabus – All Subjects

***Tertiary***

☐	E-book converter and library management
☐	Diagram editor (GNOME version)
☐	Vector-based drawing program
☐	Periodic table and chemistry tools
☐	Mathematical function plotter
☐	Typing tutor
☐	Educational programming environment
☐	Learn how to program with ants and spider webs
☐	Mathematical function graph plotter
☐	Globe and map widget
☐	Animation/drawing software
☐	Interactive physical simulator
☐	Interface for mathematical applications
☐	Graph theory
☐	Chemical structures drawing program
☐	Advanced programming tool
☐	Geography learning aid
☐	Computer Aided Design
☐	Publishing tool
☐	Mind Map Tool
☐	Typing Tutor
☐	Dictionary and Thesaurus

## **Accessing Educational Programs**

RETENTIONedu Computers ship with either Pre and Primary School, Secondary or Tertiary educational programs configured to the desktop to facilitate easier access.

Content for Pre and Primary school have been bundled in one desktop environment since some students only start gaining access to computers at Primary school.

In all the computers the materials for the other educational levels is accessible through the menu.

For any assistance or inquiries  
contact us.



Email:  
[edu@retentionrange.co.bw](mailto:edu@retentionrange.co.bw)

Telephone/Fax:  
+267 3 111 991

For more visit  
[www.retentionrange.co.bw/edu](http://www.retentionrange.co.bw/edu)

