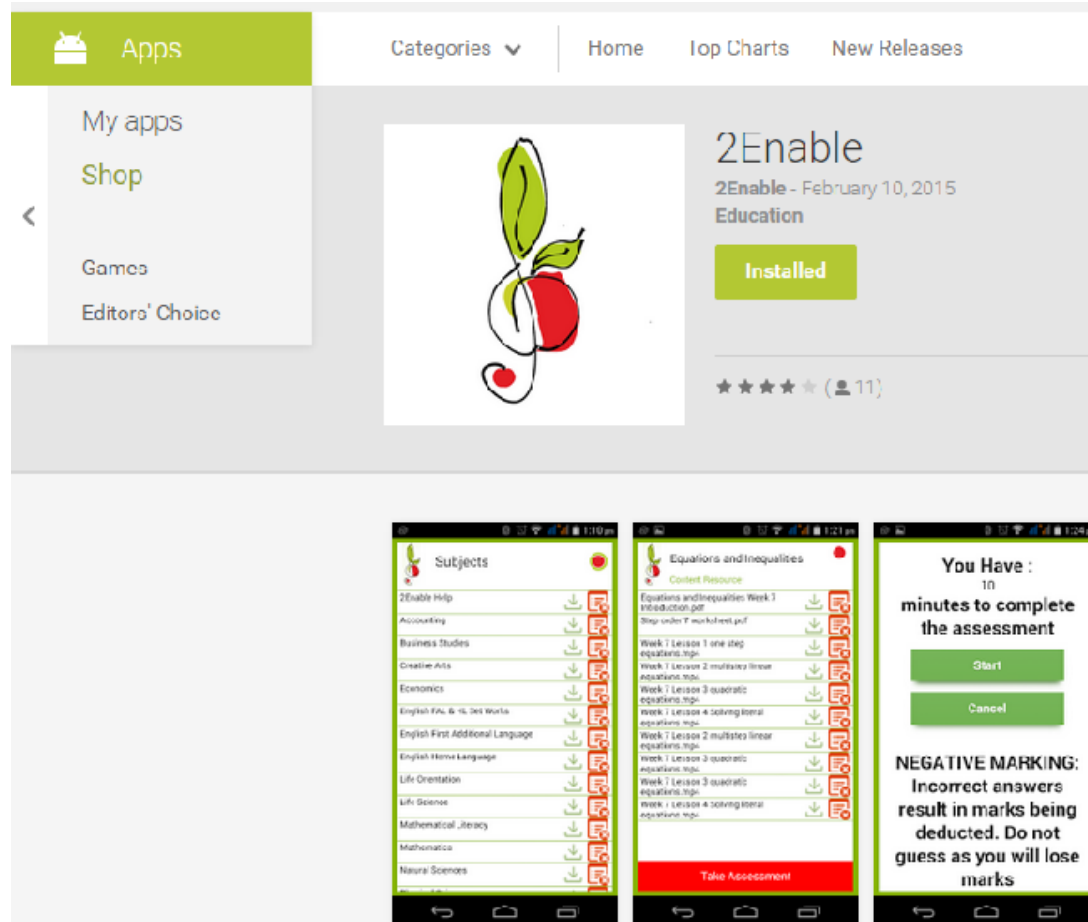


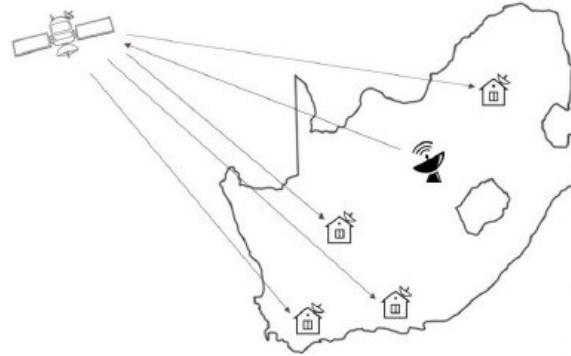
2Enable Application Training Manual for Android and Windows Mobile Devices v1.0



THE ABC OF USING THE "2ENABLE"

MOBILE APPLICATION

To access Educational
Content both On-line and
Off-line anywhere in
South Africa



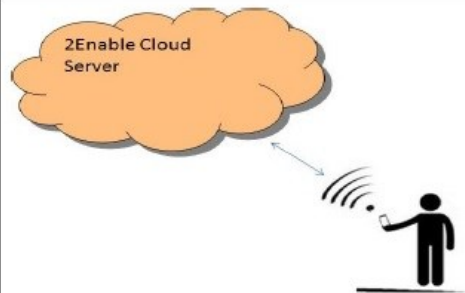
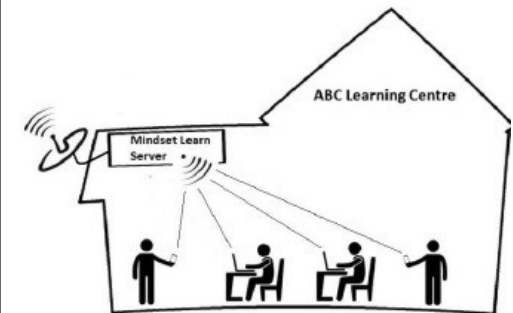
STEP ONE

Schools and learning centres install a Mindset* satellite receiver and content server. Content is updated on Mindset servers via Satellite using the Mindset Distribution network. This network can deliver content to any Mindset server from Cape Town to Karthoum.

*Contact Mindset to subscribe to their service.

STEP TWO

Download the 2Enable app off Playstore. The 2Enable app connects to the Mindset Server and can download content directly onto the user's mobile device for later access at school or at home. Users who cannot access a Mindset Server can access all the content on-line via the internet. *These users should ask their school to install a Mindset Server.*



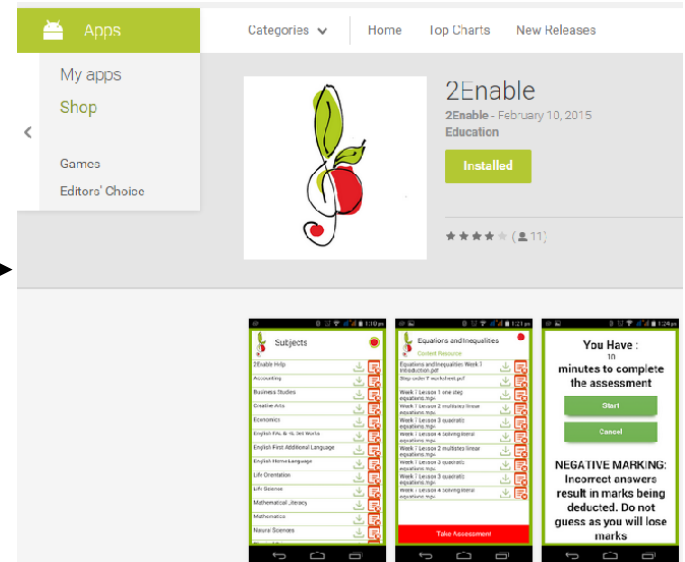
STEP THREE

Using an internet connection (either data on the device or using an internet enabled WiFi connection), teachers and students can access online 2Enable assessments. Teachers using **2Enable Enterprise** can access results and analysis of the students in their class.

INSTALL THE MOBILE APPLICATION

ANDROID USERS

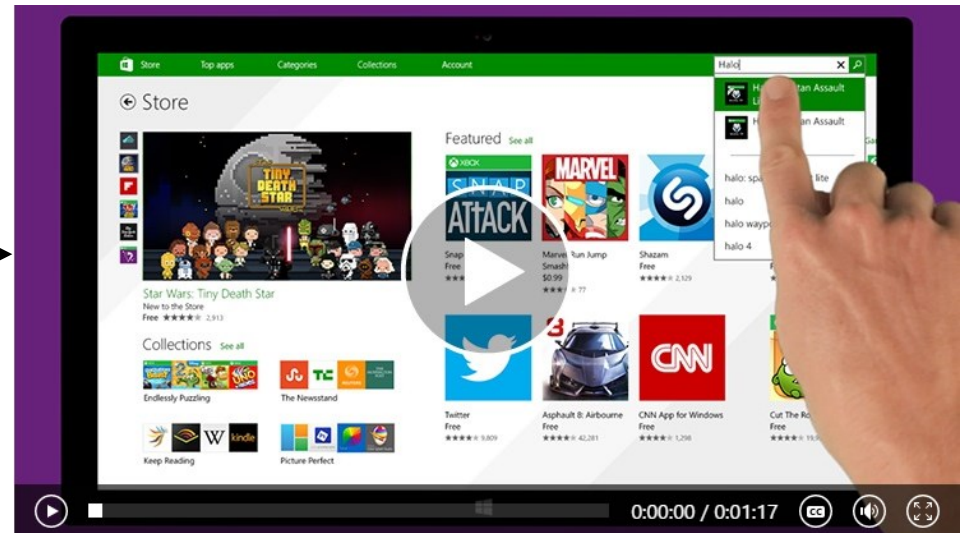
1. Go to Play Store
2. Search for 2Enable
3. Install Application.



WINDOWS 8.1 USERS


1. Go to Windows Store
2. Search for "2Enable South Africa"
3. Install Application.

***Available March 2015**



FIRST TIME ACCESS

After you install and run the application, it will ask you to accept the Terms and Conditions. If you agree to the Terms and Conditions, it will then load the list of available subjects and will look similar to this:



The screenshot shows a mobile application interface titled "Subjects". At the top, there is a status bar with various icons and the time "1:10 pm". Below the title, there is a list of subjects, each with a green downward arrow and a red icon with a white 'X'. The subjects listed are: 2Enable Help, Accounting, Business Studies, Creative Arts, Economics, English FAL & HL Set Works, English First Additional Language, English Home Language, Life Orientation, Life Science, Mathematical Literacy, Mathematics, and Natural Sciences. A red circle icon in the top right corner is highlighted with a red box and an arrow pointing to it, with the text "This icon tells you the state of connectivity". A large red-bordered box on the right contains the text: "You can scroll up and down through the subjects, and you can drill into each subject by tapping the subject name." Green arrows point upwards and downwards from the subject list, indicating scrollability.

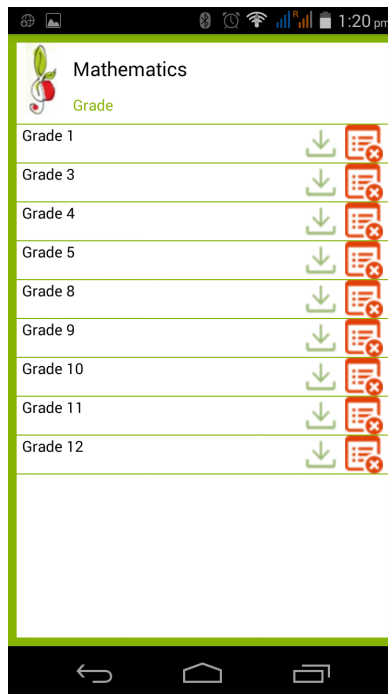
This icon tells you the state of connectivity

You can scroll up and down through the subjects, and you can drill into each subject by tapping the subject name.

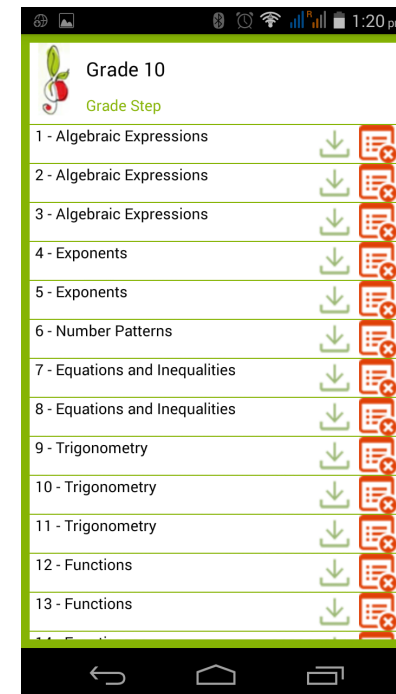
HOW TO ACCESS CONTENT



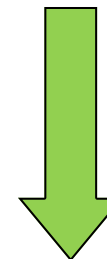
Select Subject



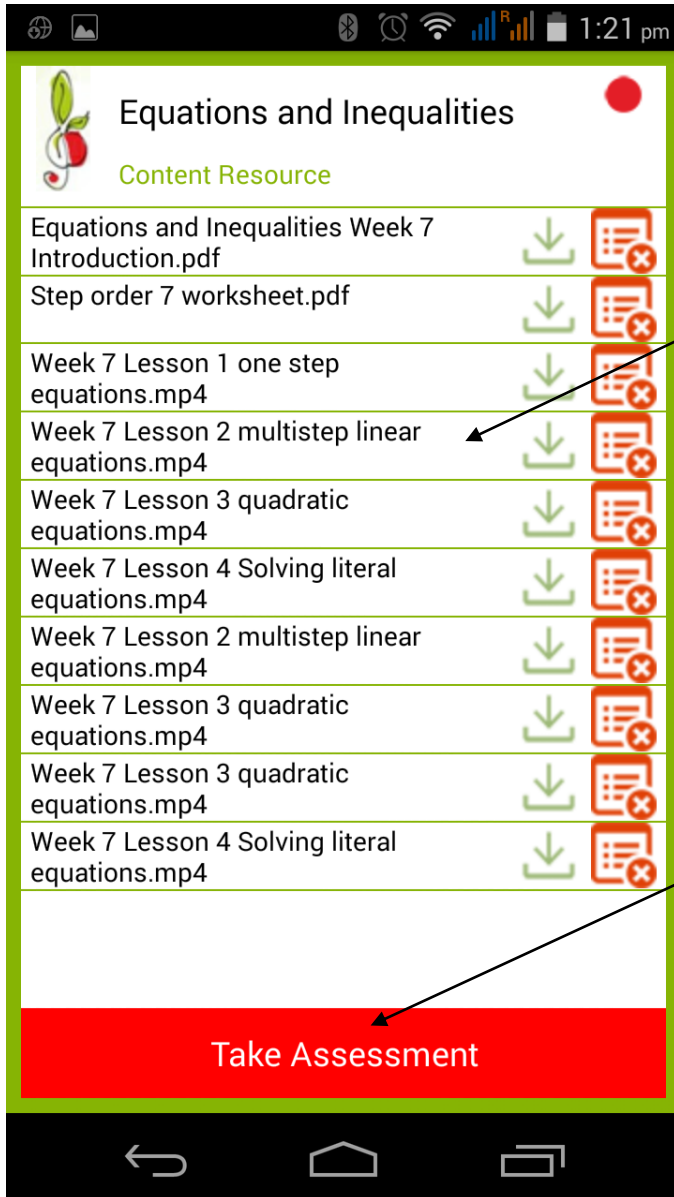
Select Grade



The Grade is arranged in WEEKLY steps. Each step contains the resources that you need to cover in that week. The resources are videos, PDF documents and Web Links.



HOW TO ACCESS CONTENT CONTINUED...



Select the resource you wish to view:

MP4's are videos

PDF's are documents

If there is no extension, it will be a web link

ON-LINE ASSESSMENT

To take the assessment you must be connected to the internet.

1. It will ask you to LOG IN.
2. If you do not have a log in name and password, you will have to register first.
3. After logging in, you will be taken to the ON-LINE assessment.

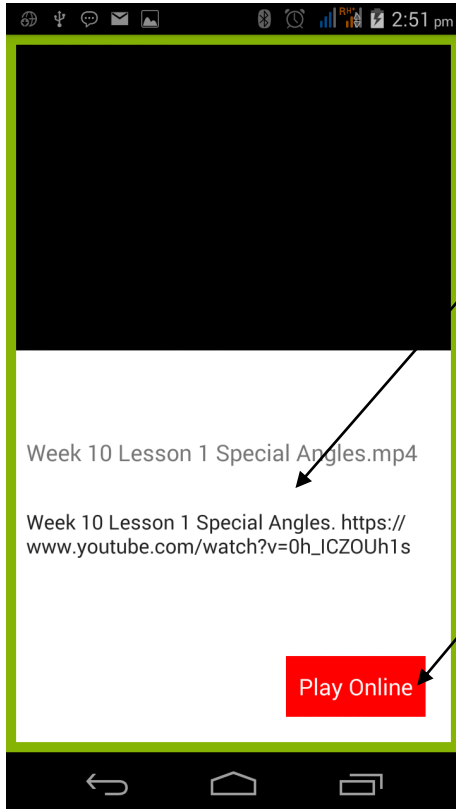
NOTE:

Links in RED mean you will be using your Internet connection to access them.

LINKS in GREEN, mean you will be accessing resources on your device or from the HUB via WiFi. These links do not use internet data.

VIEWING CONTENT

ONLINE ACCESS



DETAILS:

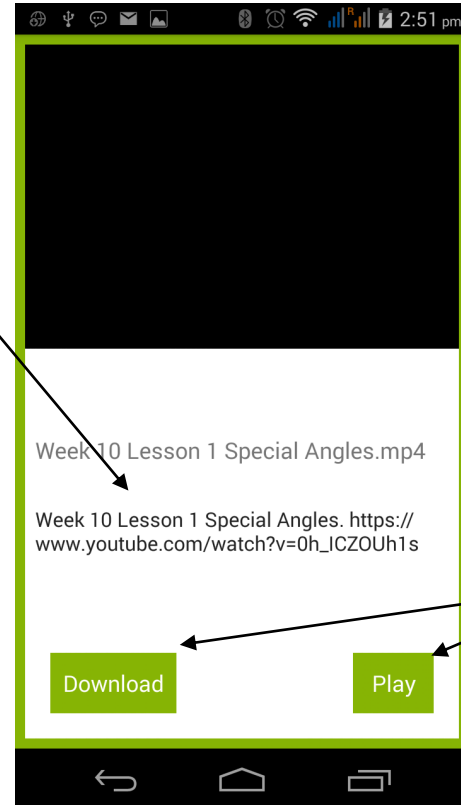
Here are the details of the video

ONLINE

The view or play link will be shown in red. It may take a second or two to show.

Notice the button is RED as it requires internet data.

OFFLINE ACCESS

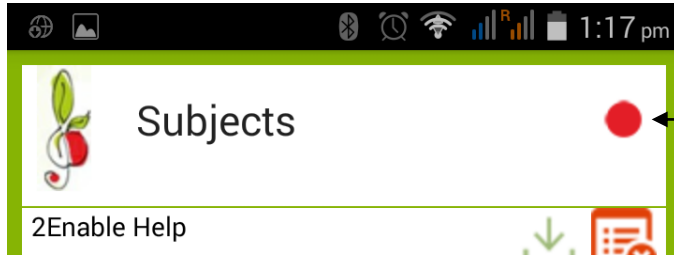


HUB

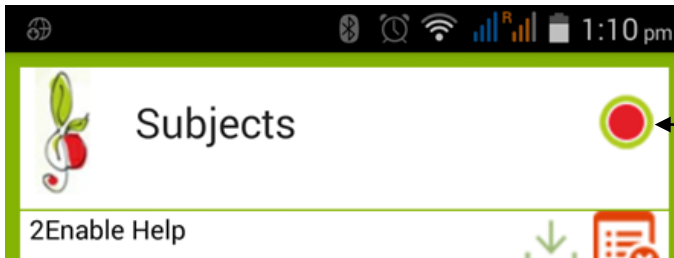
If you are connected to a hub, you can play it off the hub or download it to your device.

Notice the buttons are in GREEN so no internet data is used.

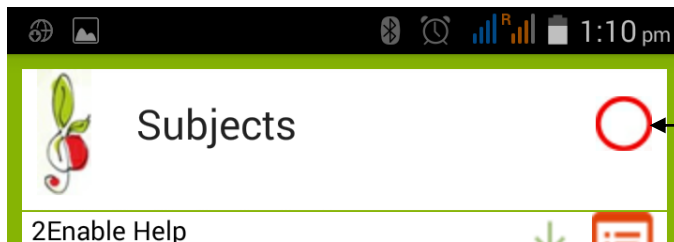
STATES OF CONNECTIVITY



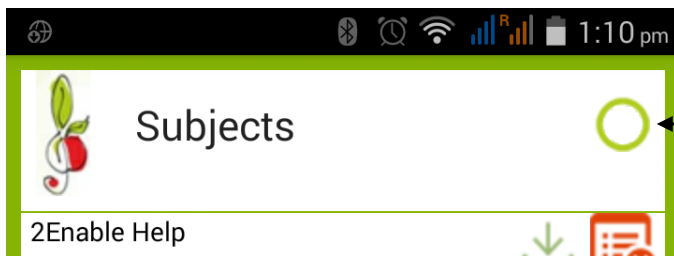
ONLINE —Connected to the Internet only. Can view content online from YouTube and other websites. Uses DATA.



ONLINE & HUB —Connected to the Internet and Connected to a HUB. Can download content onto device (if on HUB).



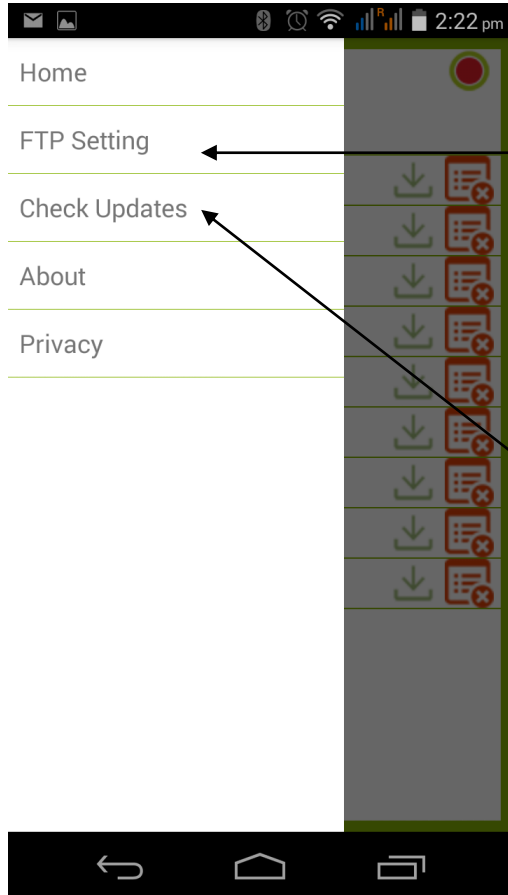
OFFLINE—NOT connected to the Internet or to a HUB. Can only view content that has been downloaded to the device only.



HUB—Connected to a Hub only. Can view content on the HUB. Uses NO data. Can download content onto device. Must have a WiFi connection and WiFi must be turned ON.

SYSTEM MENU

Swipe your finger right across the screen from LEFT to RIGHT to bring up the SYSTEM MENU



FTP AND HUB SETTINGS

This is to set up the HUB's network address. Note that the IP address of the HUB must be part of the same network that you are connecting to.

CHECK UPDATES — This checks the HUB to see if a newer version of the app data file exists on the HUB. An alternative is to perform an update of the application itself when notified to do so.

FTP and HUB MENU

Enter HUB Name Default 2Enable Server

Enter Host IP 192.168.0.102

Enter Port 21

Enter Username 2Enable

Enter Password

Save

Default Settings

HUB Connectivity Check. ON

Internet Connectivity Check. ON

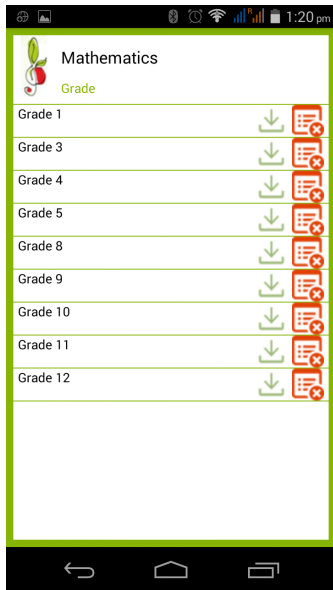
IP ADDRESS OF HUB — This is the IP address of the machine where all the offline files are stored.

This is the USERNAME and PASSWORD for the FTP Server to allow you to access the files on the HUB.

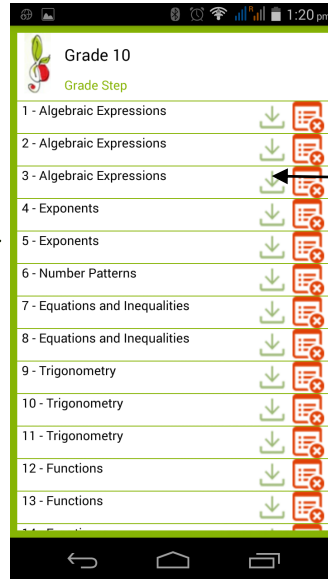
HUB CONNECTIVITY CHECK — This must be ON to allow you to access a HUB and OFFLINE content. You can turn this off, which will speed up the app slightly when not near a HUB.

INTERNET CONNECTIVITY CHECK — This must be ON to allow you to access ONLINE content. You can turn this off to stop the device from accessing the internet (and using your data).

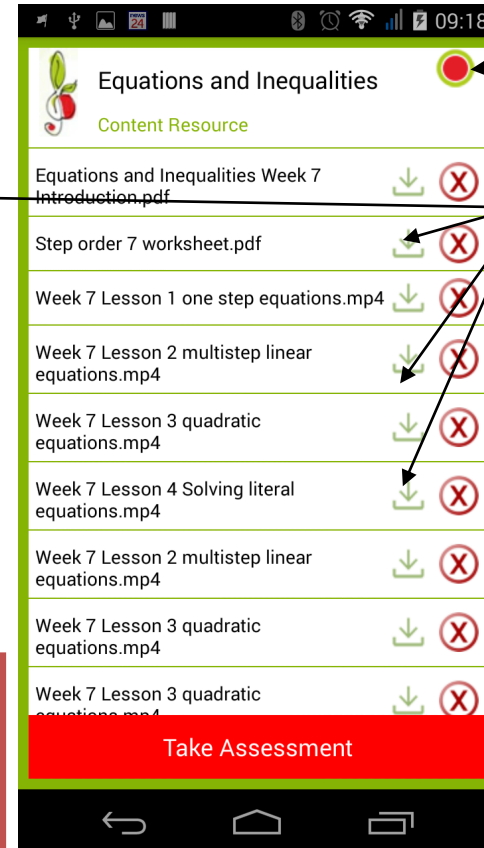
HOW TO DOWNLOAD CONTENT: LINKS



Select Grade



Select Step



Connected to HUB Green

Download Links

You can download an:

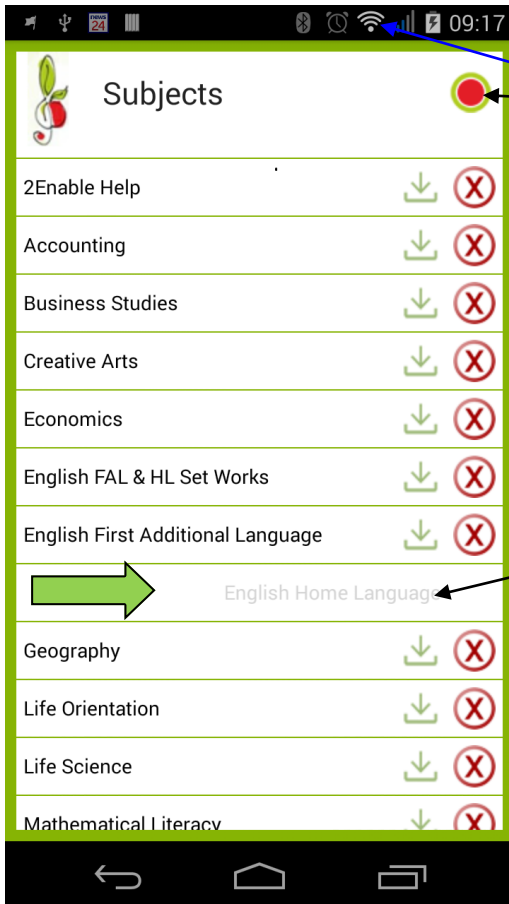
1. Entire Subject
2. An Entire Grade of a Subject
3. An Entire Step of a Grade
4. A single resource

This uses device memory

NOTE

You must be connected to a HUB to download content. If there is a GREEN CIRCLE in the connectivity state, then you are connected to a HUB.

HOW TO DOWNLOAD CONTENT: SWIPE

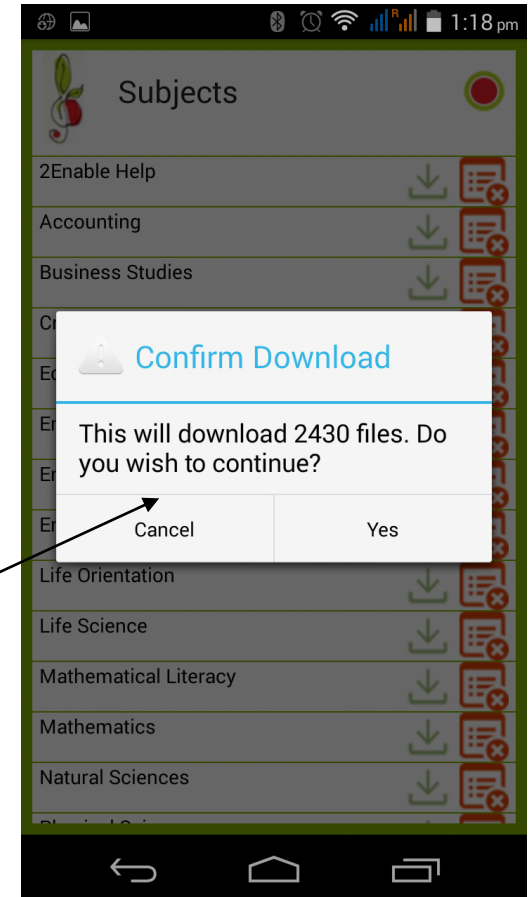


WIFI CONNECTION

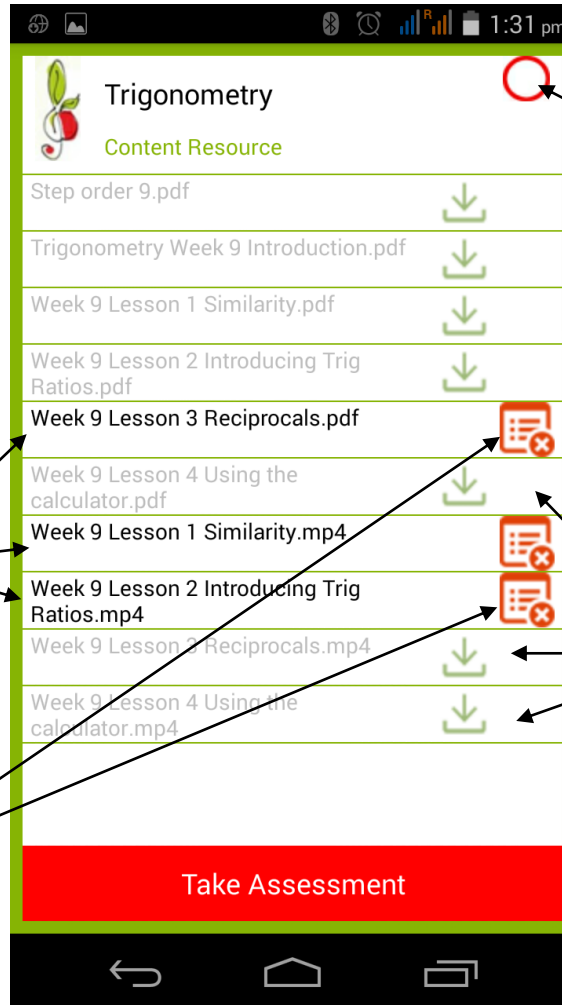
You must be connected to a WiFi network and a HUB to download files.

SWIPE

In the Microsoft version and in later versions of ANDROID, you can swipe your finger from left to right on a **subject, grade, step or resource**. This will then ask you if you want to download the chosen files.



ACCESSING CONTENT OFFLINE




OFFLINE
If you are offline, you can only access content that has been downloaded to your device.

AVAILABLE FILES
These files can be viewed offline.

UNAVAILABLE FILES
These files can NOT be viewed offline.

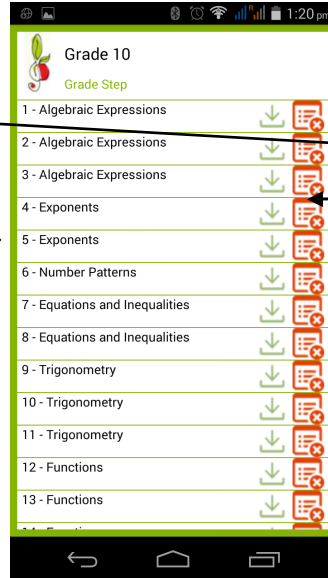
DELETE FILES
These files can be DELETED using these links or by swiping Right to Left



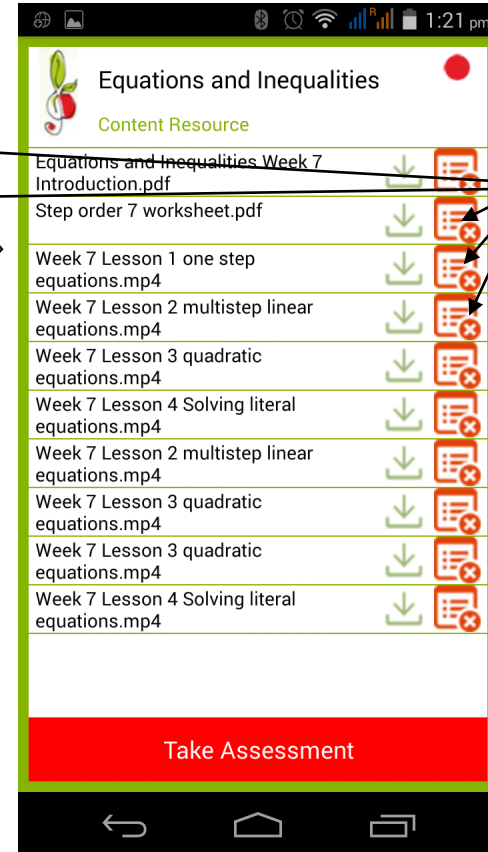
HOW TO DELETE CONTENT: LINKS



Select Grade



Select Step



DELETE
Links

You can delete an:

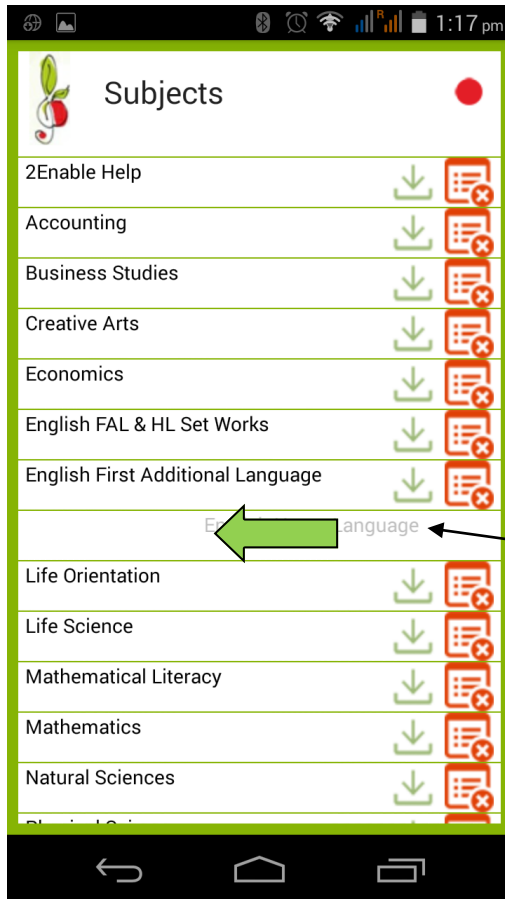
1. Entire Subject
2. An Entire Grade of a Subject
3. An Entire Step of a Grade
4. A single resource

This frees up device memory

NOTE

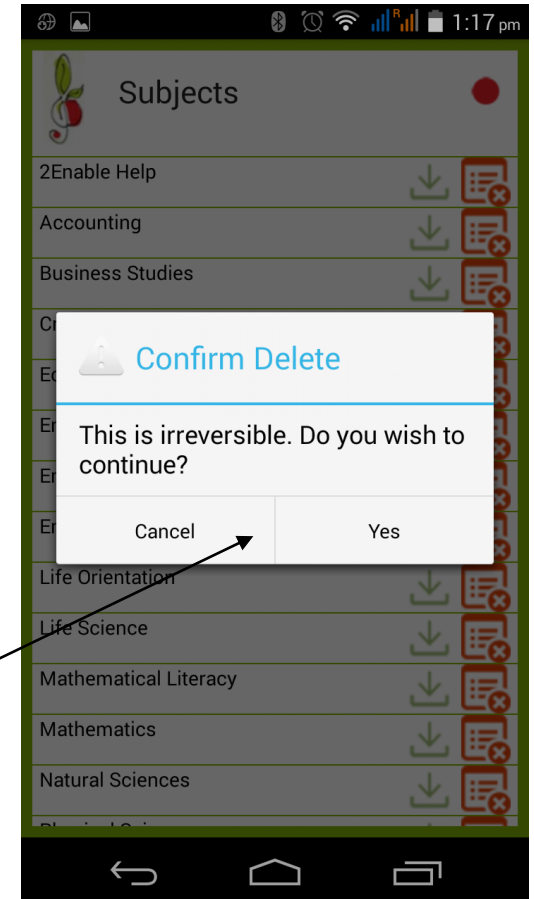
Later versions of Android have both the delete links and **Swipe functionality** to delete resources off the device.

HOW TO DELETE CONTENT: SWIPE



SWIPE

In the Microsoft version and in later versions of ANDROID, you can swipe your finger from RIGHT to LEFT on a **subject, grade, step or resource**. This will ask you if you want to DELETE the file(s).



ACCESSING & DELETING CONTENT OFFLINE

The screenshot shows a mobile application interface for 'Trigonometry Content Resource'. The top status bar displays the time as 1:31 pm. The app title 'Trigonometry' is at the top left, with a red circle highlighting a small icon in the top right corner. Below the title is a list of files, each with a download icon (a green arrow pointing down) and a delete icon (a red document with an 'X'). The files listed are:

- Step order 9.pdf
- Trigonometry Week 9 Introduction.pdf
- Week 9 Lesson 1 Similarity.pdf
- Week 9 Lesson 2 Introducing Trig Ratios.pdf
- Week 9 Lesson 3 Reciprocals.pdf
- Week 9 Lesson 4 Using the calculator.pdf
- Week 9 Lesson 1 Similarity.mp4
- Week 9 Lesson 2 Introducing Trig Ratios.mp4
- Week 9 Lesson 3 Reciprocals.mp4
- Week 9 Lesson 4 Using the calculator.mp4

At the bottom of the screen is a red button labeled 'Take Assessment'. The bottom navigation bar shows standard Android icons: back, home, and recent apps.

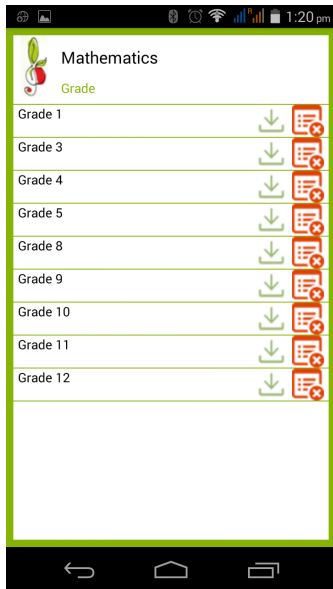
AVAILABLE FILES
These files can be viewed offline.

DELETE FILES
These files can be DELETED using these links or by swiping Right to Left

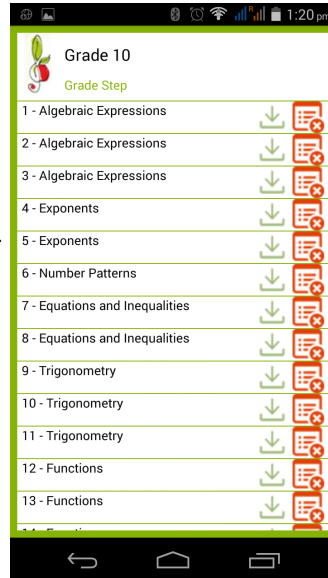
OFFLINE
If you are offline, you can only access content that has been downloaded to your device.

UNAVAILABLE FILES
These files can NOT be viewed offline.

HOW TO ACCESS AN ASSESSMENT



Select Grade



Select Step



ASSESSMENTS

1. You must be online and this will need an Internet Connection.
2. At the STEP level, there is an ASSESSMENT link.
3. Select the ASSESSMENT link.

HOW TO ACCESS AN ASSESSMENT

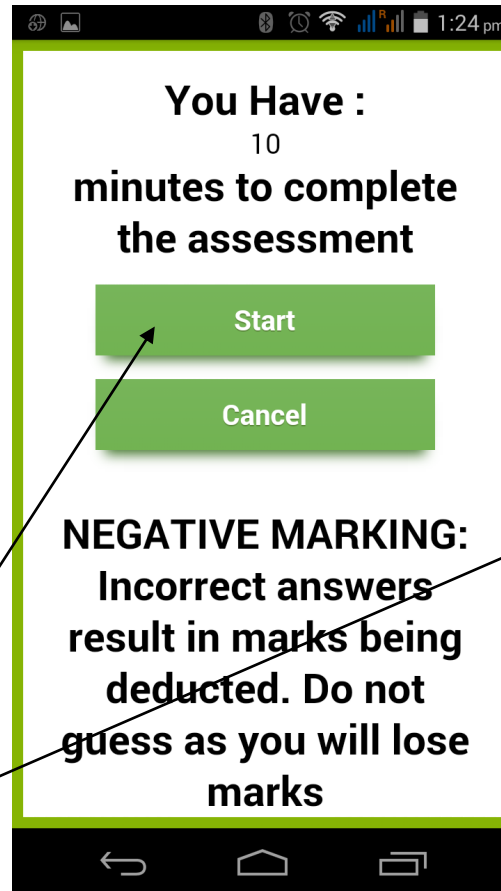
ASSESSMENTS

If you do NOT have a username and password, you will have to REGISTER. See the next page on how to Register.

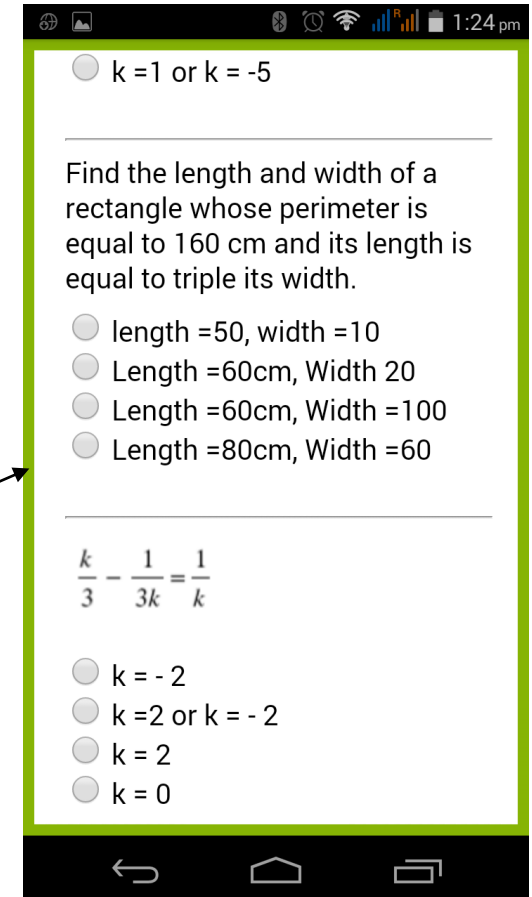
Note: you can register using the application or at www.2Enable.org.

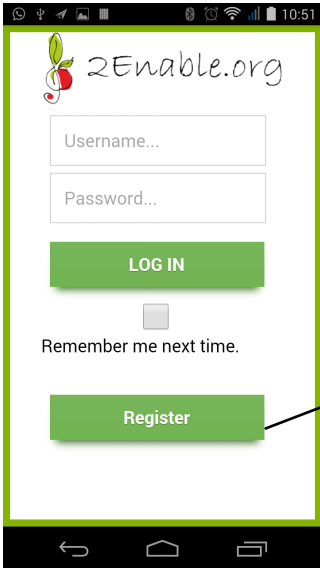
ASSESSMENTS

1. The Assessment link will connect you to an on-line assessment
2. It will tell you how long you have to take the assessment and after you start, it will deliver the assessment .

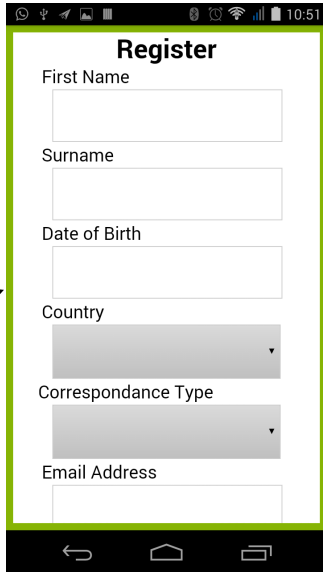


**NEGATIVE MARKING:
Incorrect answers
result in marks being
deducted. Do not
guess as you will lose
marks**

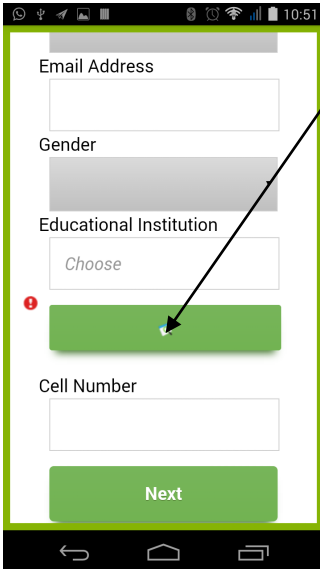




Select Register.
It opens a Register Page

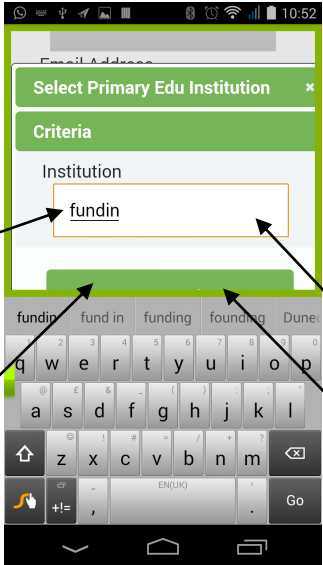


Enter all your details.
Take special care when entering the **Educational Institution**. Follow the next steps carefully.
Note the screen layout depends on the device and will vary. This layout is using a smart phone.

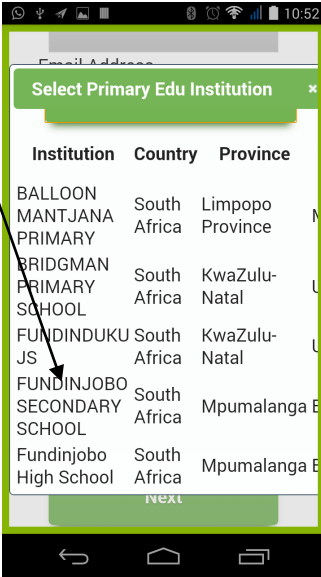


Click on the Search Link

Type in part of your school name (at least 5 characters) and hit the Search Button



Select your school name from the list of schools provided.
If you do not attend a school, type "NONE" and then find. Then select the option NONE in the list returned.



ACCESSING YOUR RESULTS AND COLLABORATING WITH OTHERS

2ENABLE ENTERPRISE

Access 2Enable Enterprise on a Microsoft Computer at www.2Enable.org

REVISION

Here you can see what you need to revise and what questions you answered incorrectly

The screenshot displays the 2Enable Enterprise web application interface. The browser address bar shows the URL <https://www.2enable.org/SilverLight/Project2Enable.aspx>. The page features a 'Messaging' tab and a navigation menu with 'Home' and 'Messaging'. The main content area is divided into two columns. The left column contains three progress bars for 'Year Average', 'Community Investment', and 'Values Score'. Below these is a list of subjects with red 'X' icons indicating incorrect answers: Mathematics - Grade 12 - Trigonometry, Recorder & Mamba - Introduction to Record, Physical Science - Grade 10 - CHEMISTRY, Life Science - Grade 10 - Iks and Biotechnolo, Life Science - Grade 10 - Organs and leaf str, Life Science - Grade 10 - Animal Skeleton, Life Science - Grade 10 - Human Skeleton, and Life Science - Grade 10 - Joints. The right column contains six icons for 'My Learning', 'My Calendar', 'My Organisations', 'My Account', and 'My Mentorships'. At the bottom right, it says 'Powered by Singular Systems' with a globe icon.

INSTANT MESSAGING

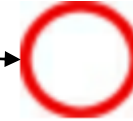
Collaborate with your peers, your learning circle and your teachers to find answers to those difficult questions.

TEACHERS

Your teachers can access your results and assist you

HELP #1

I am offline and cannot connect to the internet



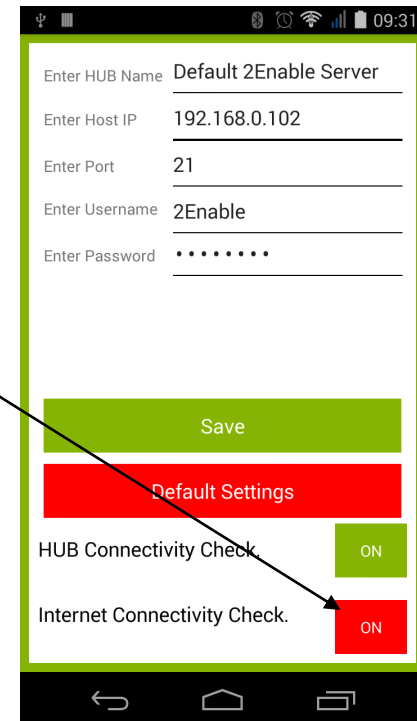
Check the following:

Check that your device has an internet connection:

1. Turn on 3G Data
2. Connect to a WIFI network that has internet.

NOTE: If Data and WIFI are both turned on, the device sometimes fails to connect to the internet. This is often true if the WIFI network is not connected to the Internet. This is a device issue. To fix this, turn WIFI off and retry.

**In HUB SETTINGS in the System Menu:
Check that your internet Connectivity Check is ON**



HELP #2

I cannot connect to a HUB



Check the following:

Check that your device:

1. Has WiFi Turned on
2. That it is connected to the same network as the HUB computer

Enter HUB Name Default 2Enable Server

Enter Host IP 192.168.0.102

Enter Port 21

Enter Username 2Enable

Enter Password

Save

Default Settings

HUB Connectivity Check. ON

Internet Connectivity Check. ON

In HUB SETTINGS in the System Menu:

Check that your HUB Connectivity Check is ON

HELP #3

I am connected to a HUB and the Internet, but when I try to play a video, it asks me to "Play Online"



Do the following:

Ask your IT Administrator to:

1. Check that the Web Server is running on the Server.
2. Check that the 2Enable files are in a folder called "2Enable"
3. Check that the 2Enable folder is in the web server root directory i.e. if you open a browser on the server and type "Localhost", it should list a folder called 2Enable.
4. That the files in the 2Enable folder are up-to-date

HELP #4

I am connected to a HUB, but when I try to **DOWNLOAD** a resource, it fails to do so.



Do the following:

If you are using a Microsoft Device, ask your IT Administrator to:

1. Check that the Web Server is running on the Server.
2. Check that the 2Enable files are in a folder called "2Enable"
3. Check that the 2Enable folder is in the web server root directory i.e. if you open a browser on the server and type "Localhost", it should list a folder called 2Enable.
4. That the files in the 2Enable folder are up-to-date

If you are running an Android Device, ask your IT Administrator to:

1. Check that the FTP Server is running on the Server.
2. Check that the 2Enable folder is in the FTP Server home or root directory and that the username (2Enable) and password in the FTP Server are correct.
3. That the files in the 2Enable folder are up-to-date