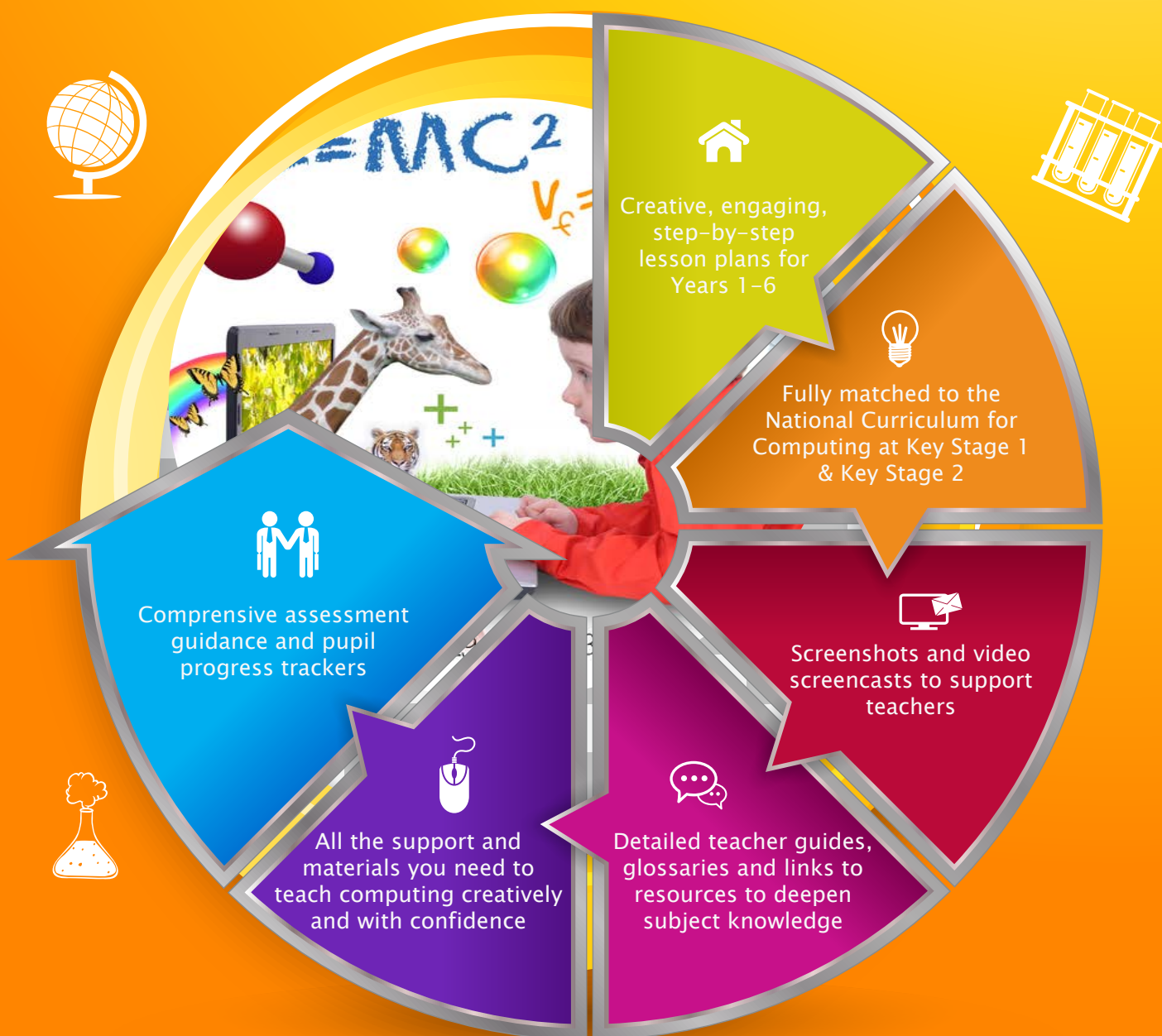


Mobile Device **MANAGEMENT**





iCompute for Primary Schools



iCompute

Mobile Device Management


<u>Title:</u> Meraki Mobile Device Management Administration	<u>Author:</u> iCompute
<u>Summary:</u> <ul style="list-style-type: none"> • Tag Devices • Assign A Name And Owner To Devices • Create Profiles and Settings • Manage and Push IOS Apps 	
STEPS CAN BE DONE BY A MERAKI DASHBOARD ADMIN	

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Tag Devices

On a Computer, login to the Meraki Dashboard

1. Go to : <https://dashboard.meraki.com>

Click the **Network Drop-Down** > select your **School's ID**

Click **Monitor > Clients**

2. Place a **checkmark** next to the device(s) that have been recently added and that will be tagged with the same tag name
 3. Click **Tag**
 4. In the **Remove** section
 - a. Click where it says **"Choose tags to remove"**
 - b. Click on the **Recently-Added** tag and click **Remove**
 5. In the **Add** section:
 - a. Click where it says **"Choose existing tags or add new tag"**
 - b. Type in the name of the new tag
- Example:**
- *MATH, 3RD, LIB, etc.*
 - Don't use spaces but instead use dashes if a tag has two words in it.
 - c. Click **Add Option** (If it is a New Tag)
 - d. Click **Add**

REPEAT FOR ALL REMAINING APPLE DEVICES

Network: Tag:

Client list

Tag:

Tag	Location	Move	Delete	Command	Quarantine	Search...	11 clients
OS	Connected *	Connectivity	Disk % used				
IOS 8.1.3	Jun 14 2016 22:47						39%
IOS 8.1.3	Apr 28 2016 13:19						31%
IOS 7.1.2	Dec 07 2015 01:05						77%
IOS 8.1.3	Nov 02 2015 04:34						94%
IOS 8.1.3	Jun 30 2015						86%
IOS 8.1	Jun 30 2015						96%
IOS 8.1.2	Jun 30 2015						17%
IOS 8.1	Jun 30 2015						96%
IOS 8.1	Jun 30 2015						97%
Windows 8.1 Pro (64-bit)	Jun 27 2015						13%
IOS 8.1.3	Jun 24 2015						18%

Assign A Name And Owner To Devices

Click **Monitor > Clients**

1. Click on the name of the newly added devices, one at a time.
2. Click **Edit Details** in **"Client Details"** section
3. Rename it if necessary
4. Click Add A New Owner in **"Owner"** section
5. Choose an owner or click Add A New Owner
6. Fill in the Name and/or Owner Name and/or Username
7. Click **Save** (even if no changes were made)

If a user renames the device it will be displayed in the Name (System) column. You can also do the following:

1. Select the **Device** and in the section **MDM Commands**, click **Send Notification**
2. Ask the user to **rename the device back to the assigned device name**

REPEAT FOR ALL REMAINING APPLE DEVICES

Clients > #7

Client details | |

Name:

Quarantine:

Notes:

Tags:

Address:

Leave the address field blank if you want the client's location to be automatically determined based on its current IP address. Otherwise, specify an address to place a marker at that location.

Owner:

Email:

Owner name:

Username:



Create Profiles And Settings

Step 1: Create A Profile

Click **MDM > Profiles**

1. Click **+Add New -> New Mobile Profile**
2. Name the New Profile
3. In the **Scope** section, click the **drop-down menu**, "Containing at least ONE of the following tags""
4. Select or Create the tag for the profile
5. Click **Save**

Profiles & settings

Test Settings

Type: Meraki managed profile

Name: Test Settings
The name that will be shown to users

Description: [Empty field]

Optional: [Empty field]

Removal Policy: Allow users to remove this profile [Toggle]

Scope: Apply to devices: All devices [Dropdown]

Installation info: All devices

Remove: Delete this profile [Button]

Devices in scope: 11 clients

Name	System type	OS	Installation	Tags	Status
1 #2	iPad (4th Gen.)	iOS 8.1	Not installed	pupil	Will be added on save
2 #2	iPad (4th Gen.)	iOS 8.1	Not installed	pupil	Will be added on save

Step 2: Select The New Profile

Click **MDM > Settings**

1. Click on the **Profile** drop-down menu > select the **New Profile** created

Network: Test [Dropdown]

Mobile Settings ⓘ

Profile: Test Settings [Dropdown]
Managed Settings
Test Settings

Step 3: Restrictions Setup

Click **MDM > Settings > Restrictions Tab**

Note: You cannot set Restrictions for the "iOS Supervised Restrictions" unless the device was Supervised via Apple Configurator.

1. Click **Enforce Restrictions** if needed
2. Uncheck to restrict a device functionality
3. Click **Save**

Profiles & settings

Pupil Settings

Profile configuration

Restrictions [Checked]

iConnect

New Web Clip

+ Add settings

Search restrictions

Cross-platform restrictions

Camera: [Checked] Allow use of camera [Toggle]

Device functionality: [Checked] Allow installing apps [Toggle], [Checked] Allow screen capture [Toggle], [Checked] Allow device assistant (Siri/Cortana) [Toggle], [Unchecked] Allow Siri while locked [Toggle]

iOS restrictions [Section Header]

iOS restrictions (supervised)

Windows Phone restrictions



Step 4: Passcode Setup

Click **MDM > Settings > Add Settings > Passcode Tab**

Note: These passcode restrictions are for unlocking the device.

1. Click **Require Passcode** If needed
2. Select the **Passcode Settings** desired
3. Click **Save**

Profiles & settings

The screenshot shows the 'Pupil Settings' screen with the 'Passcode' option selected. The settings include: Strength (Allow simple value, Require alphanumeric value, Require passcodes to contain at least one letter), Minimum length (Smallest number of passcode characters allowed), Minimum number of complex characters (Smallest number of non-alphanumeric characters allowed), Maximum passcode age (Days after which passcode must be changed (1-720 days, or none)), Auto-Lock (Never, Maximum allowed auto-lock value: 25/10/15/never for iPad/iPhone, For OS X this value translates to screensaver timeout), Passcode History (Number of unique passcodes before reuse (1-60, or none), (iOS only)), Grace period for device lock (None, Amount of time the device can be locked without prompting for the passcode on unlock, (iOS Only)), and Maximum number of failed attempts (Number of passcode entry attempts allowed before all data on device will be erased). At the bottom, there are 'Save Changes' and 'Cancel' buttons with a note: '(Please allow 1-2 minutes for changes to take effect.)'

Step 5: Web Clips Setup

Click **MDM > Settings > Add Setting > Web clip**

Note: If you remove a Web Clip from Settings the device/s it was tagged to will need to be rebooted to permanently remove the Web Clip.

1. Click **Create a Web Clip** If needed
2. Input the Label Name (Webpage Name)
Example: **iConnect**
3. Input the URL (Webpage Address)
Example:
<http://www.icompute-uk.com/iConnect>
4. Upload an Icon and any other settings that you'd like.
5. Click **Save**

The screenshot shows the 'Pupil Settings' screen for a 'Web Clip'. The settings include: Label (iConnect, The name to display for the Web Clip), URL (http://www.icompute-uk.com/iConnect, The URL to be displayed when opening the Web Clip), Icon (A gear icon with 'Replace Icon | Remove Icon' options), Removable (checked, Enable removal of the Web Clip), Full screen (checked, Displays the Web Clip as a full screen application), and Precomposed (unchecked, The icon will be displayed with no added visual effects). At the bottom, there are 'Save Changes' and 'Cancel' buttons with a note: '(Please allow 1-2 minutes for changes to take effect.)'

Step 6: Backpack Setup

Click **MDM > Settings > Backpack**

Link Images, PDFs, Word, Excel and Power Points in the Meraki Systems Manager App

1. Click **Create a backpack definition** If needed
2. Input the Name (File Name) Example:
Investigation Template
3. Input the URL (Webpage Address with the File Extension at the end)
Example:
<http://www.icompute-uk.com/resources/sci.pdf>
4. Click **Save**

Profiles & settings

The screenshot shows the 'Pupil Settings' screen for a 'Backpack'. The settings include: Name (Investigation Template, Name or description of document), URL (http://www.icompute-uk.com/resources/sci.pdf, The URL where the document is hosted (accessible to your device(s))), File type (Automatically detect, Specify a file type), Keep up to date (unchecked, Attempt to keep the device's copy current with the server copy), and Automatic download (unchecked, Automatically download this document to all devices). At the bottom, there are 'Save Changes' and 'Cancel' buttons with a note: '(Please allow 1-2 minutes for changes to take effect.)'



IOS Apps

Click **MDM > Apps**

(Deploy Free and New Paid Apps)

Paid Apps: require an Apple VPP Redemption Code.

Previously Purchased Apps:

You will need to push them via the iPad

iPad Settings > iTunes & App Store > Apps (On)

Then all devices with that same iTunes Account that has Apps turned on will also automatically get the Paid App.

1. Click **+Add New > iOS App**
2. Type in a name of an app and click **Search**
3. Click **Add** for the desired app
4. In the **Scope** section, click the **drop-down menu**, "Containing at least ONE of the following tags"
5. Select or Create the tag for the iOS App
6. **Optional:** Check the box: Disable auto-install
 - If you want to make it so the Staff Member doesn't get prompted to install the App.
 - This way you can create a Managed App List for the Staff Members to choose from in the Meraki Systems Manager App
7. Click **Save**

App Troubleshooting:

If Apps don't install do the following....

In the Meraki Dashboard > Clients

The Status must be green for App Installs to take place.

On the iPad in question > Meraki MDM App

Where it says Enrolled in ... Click Reinstall Profile

After the Profiles finish installing the Apps should now install on the device

App management

Edit Scope ▾ Delete ▾ Push ▾ Search... 18 apps + Add new ▾

#	Name	OS	Scope	Tags	
1	Adobe Reader	iOS	All devices		
2	iOS 9™ App Enabled Droid Powered by Sphero	iOS	All devices		
3	Bee-Bot	iOS	All devices		
4	Delix the Dinosaur	iOS	All devices		
5	Dropbox	iOS	All devices		
6	Google Drive - free online storage from Google	iOS	All devices		
7	Udacity, Programming Designed for Everyone, coding for kids	iOS	All devices		
8	Kodable	iOS	All devices		

Tynker for Schools - Coding for kids. Learn programming to make games, control robots and fly drones.

Details

Vendor: Neuron Fuel, Inc.
Platform: iOS
Description: Tynker is the easiest way for children to learn programming. Solve fun puzzles to learn coding concepts, easily build games, and publish them to the community. Over 100 step-by-step tutorials included for games, apps, drawing, music, physics, and more. Great for an hour of code! Classroom management ...
[View in the iTunes web catalog](#)

Devices

Scope: Install on devices: All devices

Purchase method: VPP codes

Redemption codes: One code per line

Options

Remove with MDM: ☒
Disable auto-install: ☐
Prevent backup: ☐

Clients in scope

In save, 10 clients will be added.

Manage ▾ Search... 10 clients

#	Name	Model	Status	Version	Tags	
1	82	iPad (4th Gen.)	Will be added on save	-	push	
2	83	iPad (4th Gen.)	Will be added on save	-	push	



