



DepEd Aklan MAC (Module Access Cards)

What is it?

The DepEd Aklan MAC (Module Access Cards) is an innovation initiated by the DepEd Aklan LRMSD Section under Officer-In-Charge, PDO II Mahnnie Q. Tolentino, who also served as the programmer and app developer.

The application allows the learner to access modules, activity sheets, storybooks, and even textbooks by scanning a MAC, or Module Access Card. It is a pre-determined address of the learning resource in the device encoded through a QR (Quick Response) Code.

The project aims to easily distribute learning resources to the learners through their device by accessing the app and the MACs.

What are the Requirements

The app will run on any Android device, phone or tablet, with the following specifications:

1. Android version 5.0 (Lollipop) and above
2. OTG (On-the-Go) enabled

Why use it?

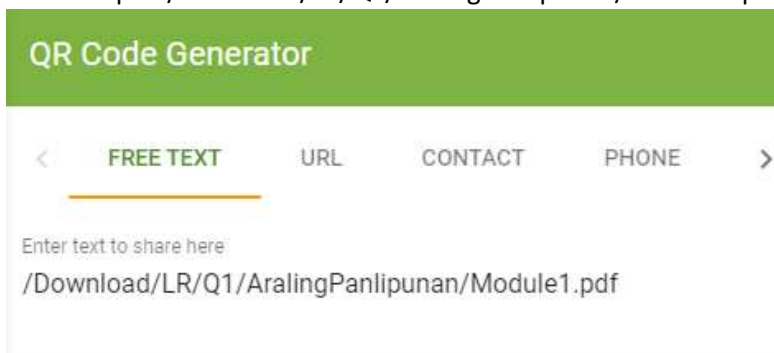
1. The app will allow easy access to the modules. Printing will not be necessary, therefore less effort and time wasted to the teachers and the school.
2. The teacher can be flexible in the presentation of his/her lesson. He/She can choose what LR can the learner use and access.
3. The number of LRs that can be uploaded is limited only by the space for each device. Therefore, the teacher can upload all modules up to the 4th quarter, and just ask the learner to open them through the MACs.

I want to teach using MAC. What should I prepare?

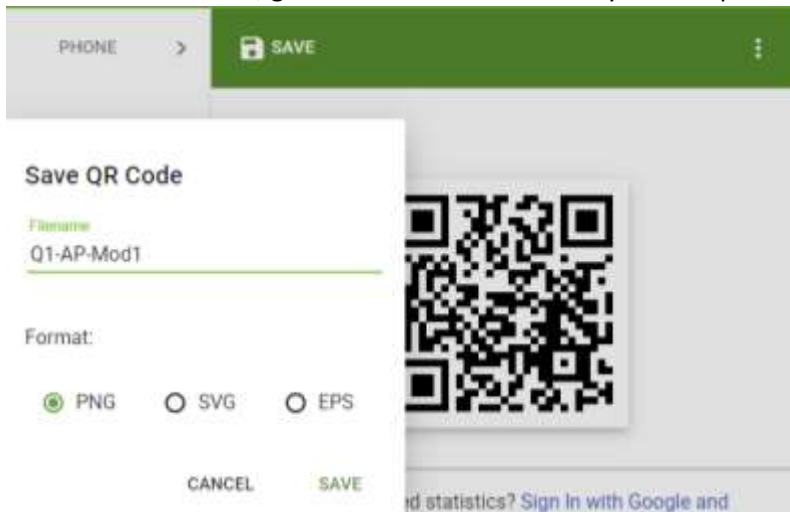
If you want more time to teach and less time to print, and if you think you can perform better as a teacher by concentrating on interventions instead of printing your modules, then MAC is for you! If you are interested to use MAC, please prepare the following:

A. Before the School Year Starts:

1. Download the app to your computer for distribution to the learners
2. Download the modules/LAS/other LRs that you will use for the period and save them in a folder named LR. The path should be, for example: D:\LR\Q1\AralingPanlipunan\Module1.pdf
3. Create MACs by going to <https://www.the-qrcode-generator.com>. Enter the path starting with /Download. For example: /Download/LR/Q1/AralingPanlipunan/Module1.pdf



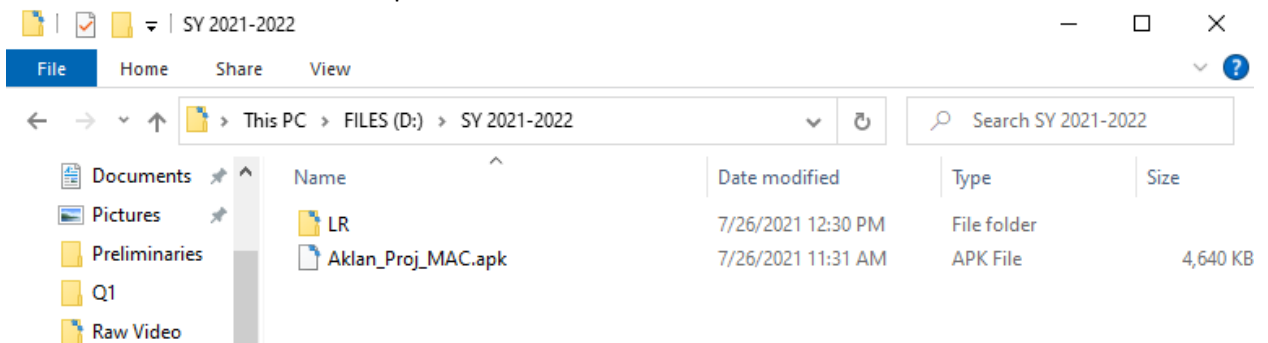
- Click the Save button, give it a name and save it in your computer.



- Open your Word processor, insert your MACs and add the Module names. You may add additional instructions to the parents/learners and you may design it according to your own choosing. Note: You may resize the MAC to 0.5 inches by 0.5 inches. Just right-click on the MAC and click the Size and Position. Choose the absolute height and weight to at least 0.5. You can check on the example below:



- Print the MACs and save the app and the modules to an easily accessible area in your computer for copying to the USB OTG drives. For example:



B. Start of the School Year:

1. Copy the LR folder and the app to the USB OTG drives for distribution. Prepare the printed MACs for distribution as well.
2. Distribute the OTG drives and the MACs to the parents. Note: There may be devices that cannot access the OTG drives. Connect a data cable (the cable that connects the phone to the charger) from the phone to your PC and copy the LR folder and app file to the Downloads folder of the device.

Tips for Success

1. Prepare the MACs early. You will only do it at least once for the entire school year, depends on the number of modules you have prepared for the period. Print them and prepare at least 5% more in case the parent loses them.
2. Schedule an orientation to the parents on the installation and use of the MAC. It is better if you can demonstrate to them how to use it. Follow the steps at the MAC website (<https://depedaklan.online/mac>).
3. Choose the activities that can be done by the learners within the period and put them into a notebook. You may opt to ask the parents for two notebooks that will be switched every submission of the activities.
4. You may add videos as well into the OTG drives so the learner can see you teaching the subject. Remind the parents that you have added these videos so they can help their child to access them. Audio recordings are encouraged as well. Just put these additional LRs into a separate folder.
5. The app can also open storybooks. Save them as a PDF file, create a MAC for them and add them as supplementary material inside the LR folder.