



Part 3: Developing Earth Day Programs

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Programming for All Ages

- 3 to 5 year olds with adult support
- 5 to 10 year olds
- Tweens
- Teens
- Family Groups
- Adult Groups
- Mixed Aged Groups



Downloading the App

- Free download from app store
- Must give an email address
- Enter the referral code- **earth2017**
- Check email for password- only need to enter this once
- Enter password, and you are ready to go!



Little People and Parents

- Story: “*It Looked Like Spilt Milk*”
- Look at some pictures of real clouds, talk about what they are made of, etc.
- Art activity involving clouds: shaving cream, cotton balls, mobile, etc..
- Upload GO app as family groups while listening to story or beforehand
- Go outside and do cloud observation



Elementary to Tween Groups

- GO app: some kids may have cell phones but email address is probably an issue, perhaps have app downloaded on tablets and ready to go, if parents stick around, could give them directions to upload app during discussion
- Might begin by taking about clouds: What are they? How do they form? Why are they important? Why do they have different shapes?
- Explain that NASA satellites study from above, and need observers from below- show satellite overpass info
- Show “*Why Observe*” short video
- Do a cloud identification activity: multiple formats
- Go out and do an observation!
- Finish up making a cloud mobile or “cloud teller”





Teens/ Adults/ Seniors

- **Book Club meeting:** read articles about clouds before or during the meeting. Watch one of our short videos before discussing clouds and their impact on both weather and climate. Make sure everyone has the GLOBE Observer (GO) app uploaded, and go outside and make observations!



Adults



- Might begin this group by having them download the app first so they can begin the process of waiting to receive their passcodes- unless they can do this before they arrive.
- Show the “Real World- Citizen Science video (4:28) to help them understand the importance of engaging citizen scientists to assist NASA researchers.
- Go over the app and show the different parts of it- cloud observations, satellite flyovers, seeing your observations, etc.
- Go outside and make observations
- Could come back inside and read one of the articles about clouds

Facilitator's Guide

- Background
- Materials
- Audiences
- Tips for how to get ready the week before, then day before, and the day of your program/s
- Safety tips
- Programming Suggestions

Problems- Solutions

- Children/teens may not have email address to use- is fine for them to use their parent's email address- with parent permission of course!
- Could send out email with directions for uploading app on tablet or smart phone to bring to event after they register for it to ensure they have device to use
- Have a few tablets

Problems/Solutions

- Library has no internet connectivity
- Download app ahead of time
- Patrons can use their service provider's to access app store and email
- You do not need internet to make observations! You can send your data at a later time when you have connectivity.



Have Fun!



- Download the app now and begin to use it!
- You will have time to ask any questions and get support for any problems you might have while you practice.
- Teach a friend/family member how to download and use the app
- Use the referral code so we get credit for all the observations made from this effort!

What are you waiting for?!

