Make Your Own Lego Movie

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| **Program Title**  | Lego Animation |
| **Brief Description** | Everything animated is awesome! Join us for an hour of Lego movie making. Work in teams to design a short film and show it off and the end of our session. Program is 1 hour and 30 minutes. |
| **Registration Required:** |  **Yes**  | **Age Range: 8-12** |
| **Number of Participants** | Maximum: 3 children per iPad available | *If participation number is flexible use location’s fire limit, e.g. 80 (F)* |
| **Literacy Connection** | Digital literacy; media literacy; promote Lego resources and animation resources in the library; storytelling |
| **Estimated Costs** |  |
| **Staffing /** **Training Requirements** | * How to log onto WiFi
* Familiarity with iPads and basic troubleshooting
* Familiarity with basic animation concepts from viewing stop motion animation (see Animation Tips website below)
* Familiarity with Lego Movie Maker (apx. 15-30 minutes to learn)
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| **Supplies** | * Name tags
* Markers
* Book ends to hold up backdrops
* Paper for backdrops
* Pencil crayons/crayons/markers for drawing backdrops
* Pencils and erasers for storyboarding
* Tape
* Fishing line ($3.99 Amazon)
* Scissors
* 1 copy of storyboard handout per child
* A hard cover book for children to use as a firm drawing surface
* Lego books and Animation books
* Piece of paper to write down iPad number, name of movie, and email address to mail the movie to
* Library card for WiFi
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| **Equipment**  | *Itemized list including electronic, crafting and office equipment etc, and time requirements for each piece of equipment (eg iPad charging)** Lego Movie Maker App (free)
* Lego kit
* Additional Lego Minifigures kits ($10-$16 on Amazon.ca)
* iPads (3 children can share each iPad)
* Flashlights (2 @ $2.00 from dollar store) – optional
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| **Space and Furniture** | *Separate program space required? Tables, chairs or room set-up instructions.** Book cart for iPads and Lego Kit and handouts
* Kids can create their movies on the floor or on a table
* One head table for book display
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| **Tips and Notes** | Use 8.5X14 paper for creating backdrops and attach to bookends.It’s not a bad idea for the kids to mark off with tape where the camera sits so they can reposition it if necessary. Keep camera 12 inches away from backdrop.Audio problems: Lego Movie Maker only produces sound when the ringer volume is on. It is not controlled by the volume buttons. To increase or lower volume, go to the **Settings** app, choose **Sounds**, and look under the heading **Ringer and Alerts** drag the volume button to the right (louder) and left (quieter).App Crashing: If Lego Movie Maker is crashing, hit the white home button on the iPad twice. Close apps that are open in the background by flicking the rectangles showing all open apps in an upward direction. This will give the iPad more working memory, which should help prevent crashing. If the app is still crashing, try switching to a back-up iPad. If you don’t have other iPads, you can just have the kids take photos of each scene using the iPad camera app. Accessing Camera and Photos: If the app asks to access Photos and Camera, say Yes. This lets us export the movies the kids make off the iPad. If “no” gets chosen, you can correct it by going to the **Settings** app, scrolling to the bottom of the settings options on the left side of the screen and looking for **Lego Movie Maker**. When you click on the Lego Movie Maker settings, it will give you options for the app to access Photos and Camera. Hit the switch to turn them on/off.  |
| **Step-by-Step Instructions of the Program** |
| 1. Ensure all iPads are fully charged
2. Gather all supplies in supply list above
3. Put out Lego related books and animation books on head table
4. Welcome kids to program
5. Take attendance
6. Kids fill out name tags while they wait for the program to officially start
7. Begin by asking kids if they have ever made a movie/animation/played with Lego. Get a sense of who the experts are in the room and the various skill levels.
8. Explain that we will we be making Lego movies by taking photographs of a Lego scene and making things move within it.
9. Show them the animation and Lego books; let them know they can check them out.
10. Explain that stop animation is animation made by placing objects, taking a photo, and moving the objects to take more photos. When all the photos are shown in a row, it looks like the objects are moving on their own.
11. Ask kids about the types of movies they enjoy or stories they like to write. What kind of movie would they like to direct?
12. Show the kids the Lego and the storyboard template and ask them to map out a story. Quickly show them how to make a backdrop by drawing on paper and taping the backdrop to a book end. Showcase any effects that you want them to try (flashlight, fishing line – optional!).
13. Let the chaos begin!
14. At 20 minutes to finish, warn the kids they need to finish shooting within 10 minutes.
15. At 10 minutes to finish, warn the kid they will have to tidy up in 5 minutes.
16. Before kids leave, ask them to save their movie by clicking the button in the app that looks like a box with an arrow. They need to save the movie to the camera roll. This will allow you to find it later.
17. Ask anyone who wants a copy of their movie to write down their iPad number, movie name, and email address.
18. Thank everyone for attending! Remind them that they can take home books.
19. Transfer movies to your computer by separating the usb wire from the power supply cord for the iPad. Plug the iPad end into the iPad and the USB to the computer. If you choose My Computer on your computer, you can access the iPad like a USB stick.
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| **Comments/** **Variations on program:** | **Notes: Estimated time for each section:****10 minute intro/make groups****20 minute story development****20 minutes of building****20 minutes of shooting****15 minutes of sharing/buffer time if other sections take longer****5 minutes of tidying/getting email addresses** |