



Minds in Motion

Activity Rundown:

Need a fun way to occupy your family this long weekend?! Look no further, how about changing your kitchen table or living room into a movie set? It's all possible, follow along to learn how to make your own at home stop motion movies!



You will need:

- A backdrop (piece of foam, fabric or blank wall)
- Action figures, lego, dolls, create your own with clay or playdough
- Craft supplies (pencil, paper, scissors, string)
- Any other props you may want to use!
- Ipad, smartphone, or tablet
- The free version of the Stop Motion Studio App

Let's do it!

- 1) Let's start by downloading the Stop Motion Studio App, the free version of the app will allow you to make basic stop motion movies.
- 2) Now let's grab some paper and a pencil and roughly plan out the story you want to tell!
- 3) To make a stop motion movie all you need to do is place your figures/dolls/lego men in the position you want and use the app to take a photo, move the figures slightly and take another photo.
- 4) Keep repeating this as you act out the story you planned, remember the less you move the figures between each photo the smoother your video will look in the end!



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- 5) To play back your video click the play button in the bottom right hand corner of the screen.
- 6) Now we can improve our video making skills with some cool DIY props and special effects too:
 - a) Try building sets out of cardboard or lego



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- b) Use paper to make speech bubbles for your characters to talk to one another.
- c) Want to make something fly, use some fishing wire or white thread to hold it in mid air.
- d) Make something disappear in a puff of smoke, by replacing it with a smoke prop made out of paper!

Resources:

- 1) <https://tinkerlab.com/easy-stop-motion-animation-kids/>
- 2) <https://www.cateater.com/help/stopmotion-android/en/>

Reach out!

We would love to hear from you about all the amazing STEM projects you are doing at home! Show us your finished products on any of the following social media platforms by tagging us or by using the following hashtags. We hope these projects have brought some excitement to your day during these difficult times.

Let us know how we did! Please [click here](#) to fill out a short survey on how well we did and what you would like to see more of in the future. Thank you!

Twitter: **@MyMindsInMotion**
Facebook: **@mindsinmotion2014 & @ucactiveliving**
Instagram: **@ucalgaryactive**

Please use the following hashtags!
#ucalgarycamps #ucalgarytogether

We hope you enjoyed our STEM Family day activity! Everyone at Minds in Motion would like to wish you and those closest to you a happy holiday!