presents

National All Rounder Championship

1 December 2020- 28 February 2021

Self-Learning Manual: Activity 27

Cognitive skills:

Stop Motion

Age: 9-11 years

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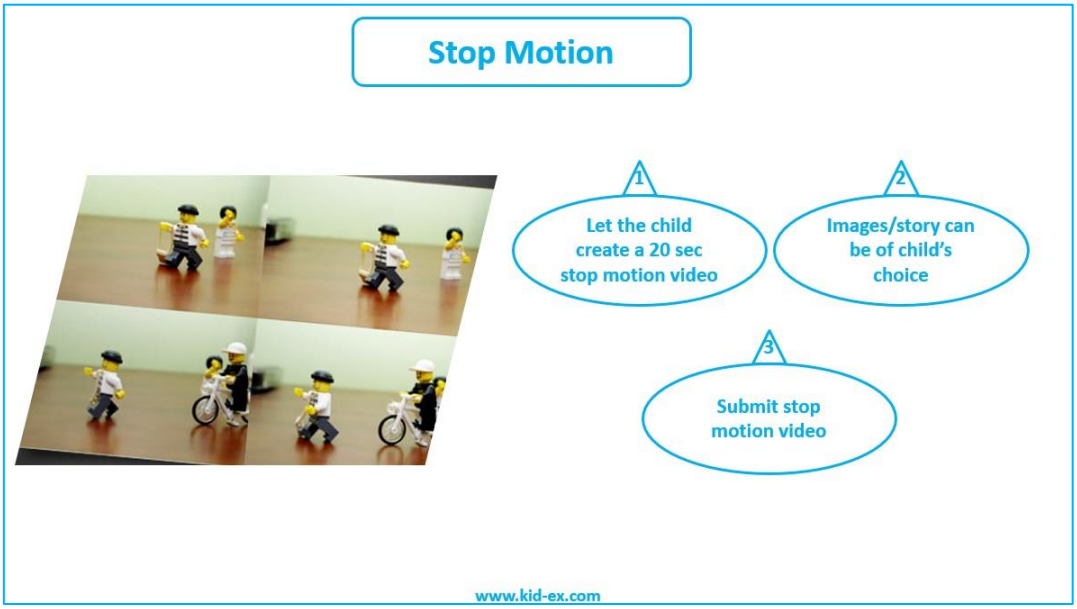

Activity description

For the activity, the child is required to learn how to make a stop-motion video. The child should make a 20-second-long stop motion video on any storyline using any readily available materials at home. (Link on Stop Motion videos in Useful Web Resources section).

A Stop Motion video is a series of images sequentially placed one after another & played in video format using any video editor software or stop motion movie maker apps available for free. They create an impression of an animated movie due to the minor difference in each & every image. Typically, 12 images are played in 1 second & they create an impression of objects in motion by themselves.

The child is required to click the images by themselves & make the video themselves as well using any video making/editing software.

Play this as a fun game with family/friends & then, submit your created video. The organizers reserve the right to selectively call the participants to check if they made the video themselves.

Assessment guidelines

The total non-bonus points for this activity are 30. Every submission would be rated as either of below.

M = Master (100%)	The child can create 20-second long stop motion video with perfection & finesse and subtle/incremental changes creating illusion of continuous movement
I = Intermediate (80%)	The child can create 10-second long stop motion video with perfection & finesse and subtle/incremental changes creating illusion of continuous movement
B = Beginner (50%)	The child can create 3-second long stop motion video with perfection & finesse and subtle/incremental changes creating illusion of continuous movement
A = Aspirant (25%)	For participating in the event & making an event relevant submission which does not meet assessment guidelines for M, I or B.
NA (Not applicable)	No submissions or any submission which is irrelevant for the activity.

50% bonus marks: If the child securing an M can create a 30 second long video

Expert coach speaks

Stop motion is an animation technique in which one frame is captured at a time. In between each shot, the objects in the frame are moved slightly. When the images are strung together in a video, it gives the impression that the objects are moving on their own.

Arguably the most important part of shooting a stop motion video is the setup. You need to make sure your camera stays still throughout the entire process. If your camera moves just a tad, that's fine. But if it moves a lot, it'll create a jump in your animation and it can be difficult to get everything lined up again.

Key benefits of this activity

The activity benefits in many ways:

- It's a simple, hands-on technology that young children can achieve
- Encourages children to project and plan out where a story is heading
- The creative constraint of the medium encourages problem solving
- Fosters iteration and experimentation through trying and testing
- Supports storytelling

Common mistakes to avoid

- *The camera is not sturdy/fixed*
- *The change in objects' position is not incremental but substantial*
- *Child's hand movements are clumsy & the set up gets erroneously disturbed*
- *Child does not sequence the images correctly while making the video*

Useful web resources

- Making stop motion video
- How to make stop motion video
- Stop motion movie making idea
- 50 stop motion ideas: Article
- Easy stop motion movies for beginners
- Sample shot motion movie
- Stop motion drawing

To submit your entry, visit our website (www.kid-ex.com). For any queries, email us at info@kid-ex.com.

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