

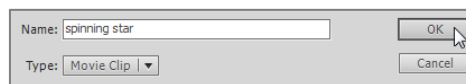
## Session 3 Extension Activity: Create a Movie Clip

### Spinning Star Movie Clips

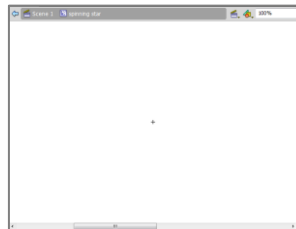
You can add movie clips to the Library. A movie clip is a saved animation file. Just like a graphic, the movie clip can be used over and over again.






Follow the instructions to create a movie clip of a spinning star. Afterwards, this star will be added many times to the same layer.

1. Open Flash.  
Click the File menu and select *New*. Select *ActionScript 3.0* as the file type. Click *OK*.  
-or  
Open the space adventure.
2. From the Insert menu, select *New Symbol*.
3. Type **spinning star** in the Name box and set the *Type* to *Movie Clip*. Click *OK*.





The editing pane opens:



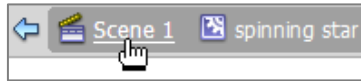
4. Draw a star using the drawing tools:
  - a. Select the Pen tool. 
  - b. Turn the Object Drawing ON in the Tool Options. 
  - c. Click where you want each point of the star.
  - d. To adjust the points, click the *Subselection Tool*. 
  - e. Click and drag a point in the star.
  - f. Select a color from the Fill Color Control .  
Fill the star using the *Paint Bucket Tool*. 



If you forgot to turn on the Object Drawing, you may need to group the star. If you do, click the Selection Tool. Double click inside the shape to select both the stroke and fill. From the Modify menu, select *Group*.

5. Convert to symbol:
  - a. Click the Selection Tool. 
  - b. Right click on the star and from the menu select *Convert to Symbol*.
  - c. Type **star 2** in the Name box and set the *Type* to *Graphic*. Click *OK*.
6. Add a motion tween:
  - a. Right click on the star. Select *Create Motion Tween*.
  - b. Select the desired frame in the Timeline where you would like the motion to end.
  - c. Click on the *Free Transform Tool*. Rotate the star clockwise almost all the way around. 
7. Select Frame 1. Press the ENTER key to play the animation.

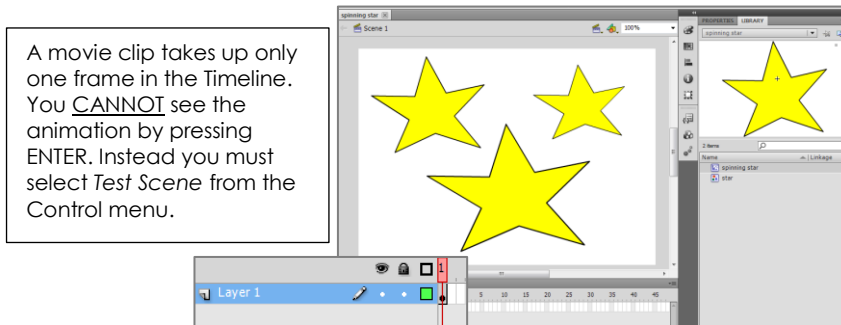
8. Click on the Scene button to return to the stage.



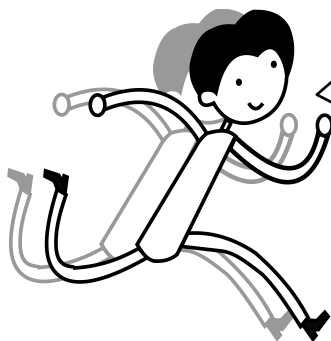
9. Add spinning stars to the stage.

If you are using the space adventure file, then select the Scene where you would like to add spinning stars.

- a. Click the *Library* tab.
- b. Select the layer where you would like to add spinning stars.
- c. Drag the movie clip **spinning star** onto the stage from the Library.
- d. Click on the *Free Transform Tool*. Resize the star.
- e. Drag two more stars onto the canvas.



- e. Look at the Timeline. The movie clip takes up only ONE FRAME.
10. From the Control menu select *Test Scene*. Close the Preview window.
11. Save the document.
12. Exit Flash.



If you want to use an animation repeatedly it is a good idea to create a movie clip symbol. For example, if you want the fire on a spaceship to flicker, make the spaceship a movie clip.