

- b. Discuss with your counselor a brief history of animation.

- 2. **Principles of animation.** Choose five of the following 12 principles of animation, and discuss how each one makes an animation appear more believable: squash and stretch, anticipation, staging, straight-ahead action and pose to pose, follow through and overlapping action, slow in and slow out, arcs, secondary action, timing, exaggeration, solid drawing, appeal.

Squash and stretch

Anticipation

Staging

Straight-ahead action and pose to pose

Follow through and overlapping action

Slow in and slow out

- Arcs
- Secondary action
- Timing
- Exaggeration
- Solid drawing
- Appeal

3. **Projects.** With your counselor's approval, choose two animation techniques and do the following for each:

Technique 1: _____

- a. Plan your animation using thumbnail sketches and/or layout drawings either on paper or using an animation software program.
- b. Create the animation.
- c. Share your animations with your counselor. Explain how you created each one, and discuss any improvements that could be made.

Technique 2: _____

- a. Plan your animation using thumbnail sketches and/or layout drawings.
- b. Create the animation.
- c. Share your animations with your counselor. Explain how you created each one, and discuss any improvements that could be made.

4. **Animation in our world.** Do the following:

- a. Tour an animation studio or a business where animation is used, either in person, via video, or via the Internet.

Where?	
When?	
How?	

- Share what you have learned with your counselor.

Animation

Scout's Name: _____

- b. Discuss with your counselor how animation might be used in the future to make your life more enjoyable and productive.

- 5. **Careers.** Learn about three career opportunities in animation.

1.	
2.	
3.	

- Pick one and find out about the education, training, and experience required for this profession.

Career	
Education	
Training	
Experience	

- Discuss your findings with your counselor. Explain why this profession might interest you.

When working on merit badges, Scouts and Scouters should be aware of some vital information in the current edition of the *Guide to Advancement* (BSA publication 33088). Important excerpts from that publication can be downloaded from <http://usscouts.org/advance/docs/GTA-Excerpts-meritbadges.pdf>.
 You can download a complete copy of the *Guide to Advancement* from <http://www.scouting.org/filestore/pdf/33088.pdf>.