Assignment # 6b - Lamp Jumps Animation Planning
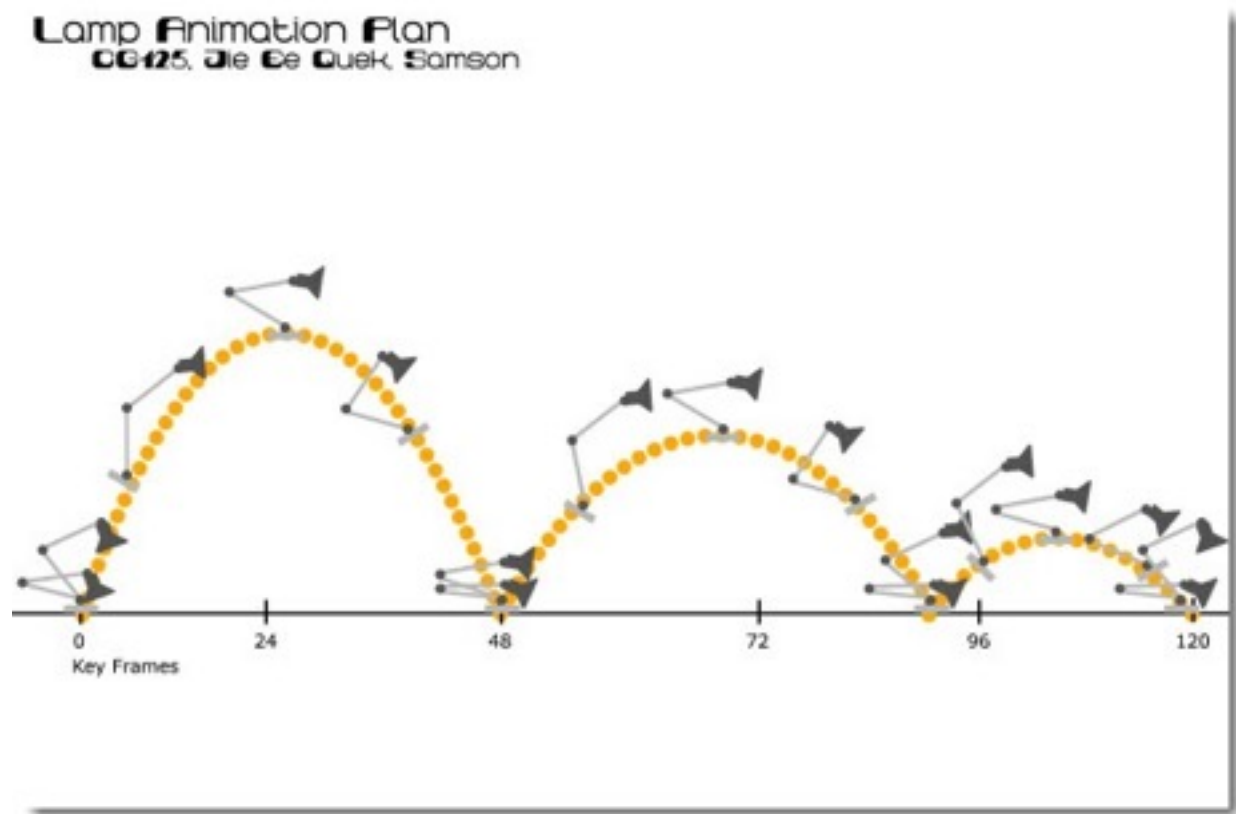
Assignment Description:

A. Create an image to plan out your jumping animation.

- Draw a base floor line
- Draw key poses for your lamp animation
    - side orthographic view showing three jumps crossing the page
    - thumbnail line drawings will overlap
    - Start lamp at a stand still

Lesson Topics: Animation concepts, arcs, timing, animation planning

Lesson Notes:

On this sheet include three lamp jumps:
- Base floor line
- Lamp key poses for **three jumps**,

- side orthographic view with three jumps crossing the page
- thumbnail line drawings will overlap
- starting at a stand still and coming to a stop at the end

Duration 5 to 8 seconds (24fr./sec.)

- **timing**: mark frame numbers for
  - high points
  - impact points
  - start
  - end

- Lamp line drawing thumbnails from the side view (orthographic only no perspective)

  - anticipation
  - full extension
  - landing
  - followthrough
  - make sure the lamp base does not stay parallel to the floor line

- Drawn **Arcs** for each jump (they can vary, increasing or decreasing in size)
- This assignment can be a scanned document cleanup in PhotoShop
- You can use multiple colors for the lines for readability
- Info on sheet: your name, class code with semester, instructor's name

Evaluation Notes: Think about which kinds of arcs look the most natural. How is energy dissipated over time as an object moves? How can you make mechanical motion feel more alive?

Grading rubric

8%	File Naming and image resolution are correct. All info on sheet (Pass/Fail)
17%	Correct number of jumps (3), floor line is represented.
17%	Arcs quality and key poses: Arcs are represented and thumbnails show lamps key poses on arc
25%	Timing quality: Frame numbers are present for start/end, high points and impact points. Animation planning shows correct frame numbers for a 5 sec. to 8 sec. duration (24 fps)
33%	Key Poses quality: Lamp Thrumbnails show animation principles: anticipation, follow-through as well as full extension and landing poses. Lamp starts at a stand still and comes to a stop at the end.

Naming Scheme

File name must use this naming convention: **S15_cg125_Briley_YourName_LampAnimPlan**

To Be Submitted

One file including:

- A single image showing the entire lamp animation plan. Resolution 1200 x 800 (jpg)
- This assignment can be drawn by hand and scanned to be cleaned up in PhotoShop.
- Must have Info on sheet: your name, class code with semester, instructor's name

All files should be submitted to Moodle and the N: drive

Assignment Due

All assignments are due the day before class at 4PM