

**DMD 1205 DESIGN FUNDAMENTALS**  
**READING Q&AS - CHAPTER 11 – ILLUSION OF MOTION**  
**WRITTEN ANSWERS, FOUND IMAGES, AND SKETCHES : DUE WED NOV 16**

**Written Answers**

1. Look up and write the common “root” of these terms: transform - transportation - transfer - transition
2. List several natural elements or forces at various scales that “move”
3. List 6-8 verbs for any kind of human movement
4. Define “Kinetic”  
Both Einstein and Newton were concerned with motion of some kind.
- 5 - In the most simplistic terms what was the constant motion in much of Einstein’s considerations.
- 6 - For Newton what is the (supposed) famous event that helped him clarify his principles?
- 7 - List this chapters 6 ways to imply/show/suggest “motion”
- 8 - Can you think of of any sport where motion is not one of the basic common elements?

**Found Images**

- 1 - Find several (2-5) Leonardo da Vinci drawings exploring “movement”
- 2 - Find & List 4 images from other chapters in our text that show, imply or refer to “movement”
- 3 - Find 2 works by Raymond Loewy that are “streamlined”
- 4 - Find 3 works by “Italian Futurists” that depict motion
- 5 - Find 3 “Muybridge” photo sequences that capture motion
- 6 - At Google Images, Search for “motion”,  
choose and label at least 1 image for each of the 6 ways to show motion listed in the chapter

**Thumbnail Sketches**

- 1 - Create a sketch of motion event by combining:
  - a. Figure Cropped - the figure moves so fast that they escape the picture frame.
  - b. Blurred Outlines - details and outlines are lost in fast movement.
- 2 - Create a sketch of an “athletic or aesthetic motion event” by using
  - a. Multiple Image  
Repeat one figure in an overlapping - or spaced sequence-  
Change color transparency, line weight etc. to differentiate the sequence
- 3 - Create a conceptual sketch of movement over time using one or more methods listed in chapter
  - example : path of particles in “Large Hadron Collider”
  - example : daily routine of person’s movement in house or office
  - example : daily flight paths of all US planes
  - example : the multiple movements of a dancer
- 4 - Create 2-4 sketches of “movement” found in nature using methods listed in chapter.

*Slightly Off Topic* Find a fun “stop motion” video on you tube.