# :: Week 3 :: 

Squash \& Stretch
Anticipation Storyboarding

# :: Squash \& Stretch :: 

## physical form is manipulated to emphasize a certain action

- object is flattened when hits the ground (squash)
- fast moving object is elongated (stretch)


# :: Squash \& Stretch :: 

## Rules:

- keep volume consistent
- consider weight and density
- allow for natural flexibility of the material don't rubberize

I had the page open on the bouncing ball. It was like this - which certainly works OK.


Ken said, 'Yeah, sure, but wait a minute - never mind that. We can make this much better. We need to have a contact in here before the squash.'

'Put in a contact where the ball just touches the ground and then it squashes. That'll give it more life.' (Move the preceding drawing back a bit to accommodate it.)

Ken continued, showing the same idea with a frog.

'Have him contact the ground before he squashes down. Then keep his feet contacting the ground as he takes off. That'll give more change to the action.'

Next, a jumping figure.


Have at least one foot contacting the ground before the squash down, then leave at least one leg still contacting the ground as he takes off again.'

## :: Squash \& Stretch ::



TAKE CHEWING, FOR EXAMPLE:


WE COULD GO FROM ANY OF THESE POSITIONS TO ANY OTHER IN ANY SEQUENCE, VARYING IT.


The CHEW CAN PUUL The NOSE
AROUND - GULP,
AH.
AGAIN, WITH SQUASH and STRETCH, WE TRY TO KEEP The SAME AMOUNT OF MEAT: IF YOU TOOK IT OUT and WEIGHED IT -IT WOULD WEIGH The SAME.

AN UNCOUTH FELLOW -




RUMBLE


BURP

SO, AGAIN, ITS WHO IS CHEWING? FAT, SMALL, OLD, CRAZY, INHIBITED?
A SOPHISTICATED PERSON CHEWING VERSUS A TRAMP WHO HASNTEATEN FOR 3 WEEKS?


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Used to attract the eyes of the audience to a specific part of the screen at a particular moment so the viewer does not miss the next action or part of the story

## :: Anticipation ::

Basically...
The viewer needs to understand what your character is doing before, during and after and action.

## :: Anticipation ::

- brains are predictable
- movement attracts attention
- if you use anticipation you can speed up the main action and not run the risk of losing your viewer
- if you do not prepare your audience for the next action, the next action will need to be slower


## :: Anticipation ::

"Any action can be enhanced if there is anticipation before the action."



## :: Storyboarding ::

## A production blueprint; sequential film outline

- helps you figure out if story and visuals flow



## :: Storyboarding ::


http://learninganimation.blogspot.com/2008/06/storyboard-for-animations.html

# Observation \& Inspiration 

## Ren \& Stimpy - Happy Happy Joy Joy

http://www.youtube.com/watch?v=ximubl-hv9Q\&feature=related

## Bill Plympton - Your Face ${ }_{189}$

http://www.peteava.ro/id-I |6979-089-your-face-bill-plympton-I987 heard em say - kanye west 2005
guard dog

## Acting \& Poses <br> http://www.youtube.com/watch?v= wW6rENTfaU\&feature=related

- squash and stretch
- anticipation
- acting is reacting


## hw week \#3 :: ANIMATE

- animate a ball in and obstacle course.
- REFLECT on BLOG:What worked? What didn't? What would you change next time?
- Ball should have visible rotation.
- Storyboard first. Post storyboard and animation.


## hw week \#3 :: DRAW



- Maintain the basic volume of the form you are distorting to create the expressions.
- Pay attention to the differences in the way that the cranium and jaw distort.
- Pay attention to the way the cheeks move up and down as the character smiles or frowns.


## hw :: POSES

Draw 5 Poses showing ‘DEVASTATION.' At least one should be "HYSTERICAL DEVASTATION."

