

PRACTICAL LIGHT & COLOUR

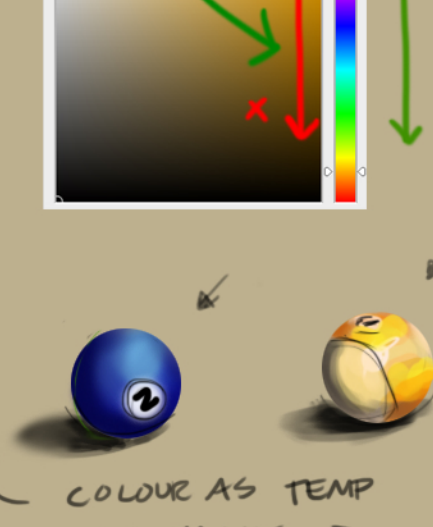
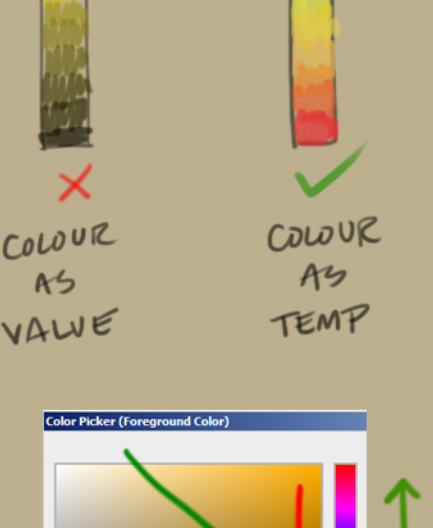
- REFLECTION
 - ABSORPTION
 - REFRACTION
- TOPICS

REFLECTION

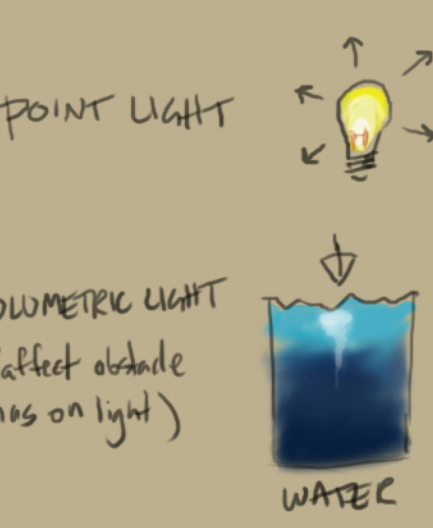
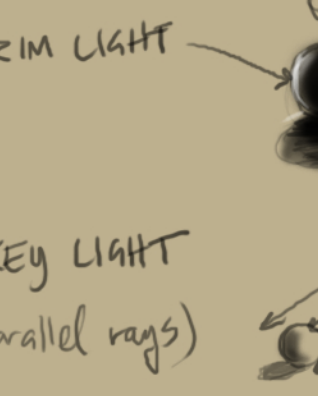
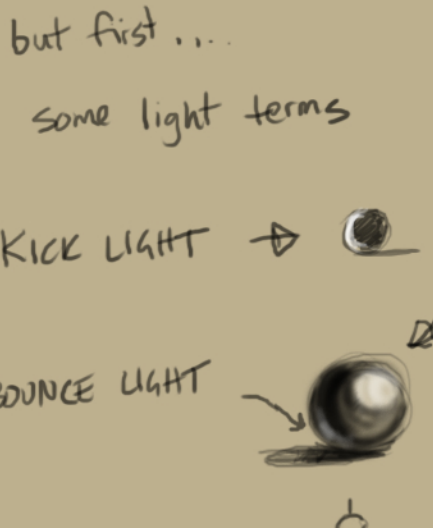


DIFFUSE LIGHT IS ACTUALLY A REFLECTION. IT HAPPENS WHEN LIGHT BOUNCES OFF OF A ROUGH SURFACE.

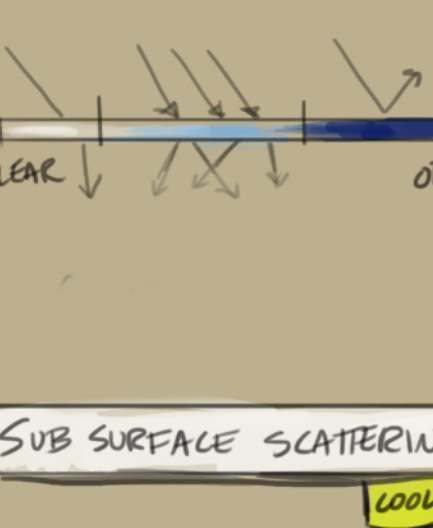
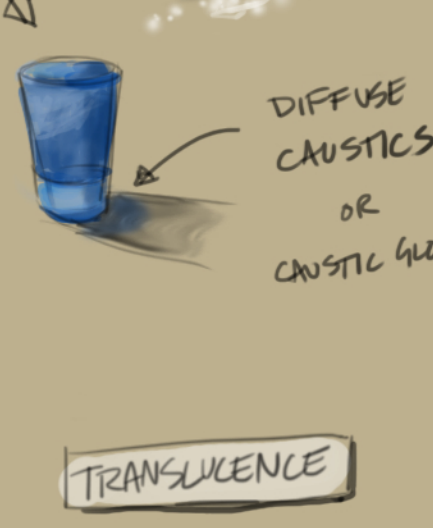
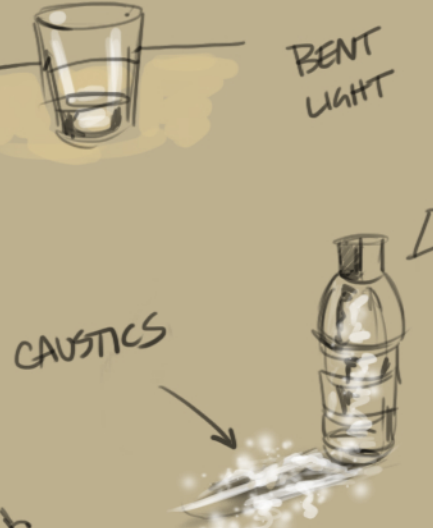
SHADOWS



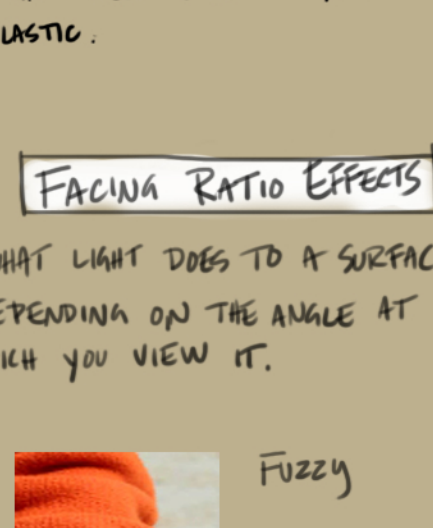
COLOUR



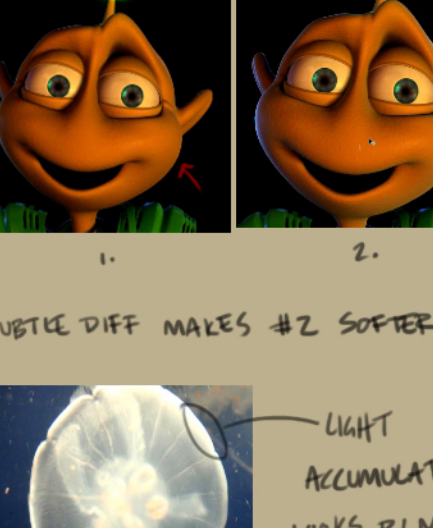
SURFACE RESPONSE



REFRACTION



TRANSLUCENCE



SUB SURFACE SCATTERING

COOL



- WHAT IS HAPPENING IN LIGHT TERMS?
1. LIGHT HITS THICKER SURFACE LIKE SKIN, PLASTIC, MARBLE, ETC
 2. SOME IS REFLECTED AND SOME LIGHT PASSES THROUGH
 3. LIGHT THAT PASSES THROUGH IS DIFFUSED.
 4. SOME OF THE DIFFUSED LIGHT BOUNCES OFF OF SUBSURFACE PARTICLES AND BARK OUT THROUGH SURFACE.

FRESNEL

"FRESH-NELL"

IT'S MORE ABOUT ANGLE THAN DISTANCE

