Level 1 Design and Visual Communication

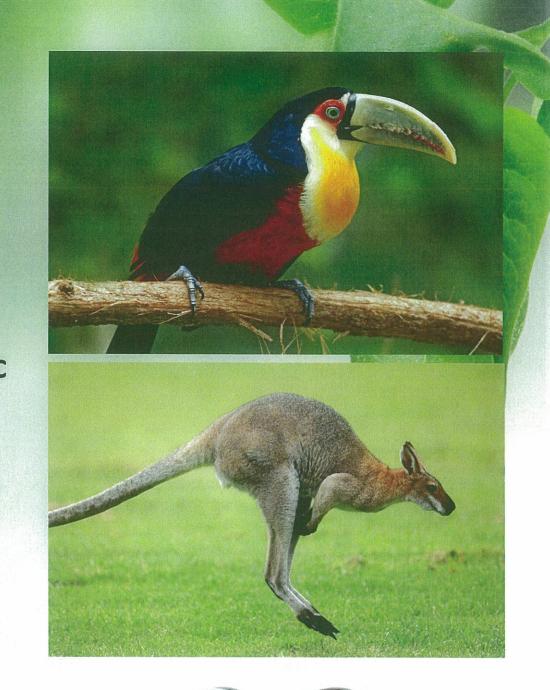
AS91063 Produce freehand sketches that communicate design ideas

Exemplar for Excellence

This submission shows a range of sketching techniques with clear line work and subtle rendering to show shape and form. This excellence grade could be further strengthened with more investigation into function, assembly and a variety of alternative view points.

DESIGN BRIEF

- Design a Lamp that is inspired from the shape and movement from an insect or animal. This is a form of biomorphic design.
 - The lamp must be designed to accommodate the LED torch that is provided.
 - Consideration needs to be given to the function of the lamp.
- Consideration needs to be given to the form/shape of the lamp.

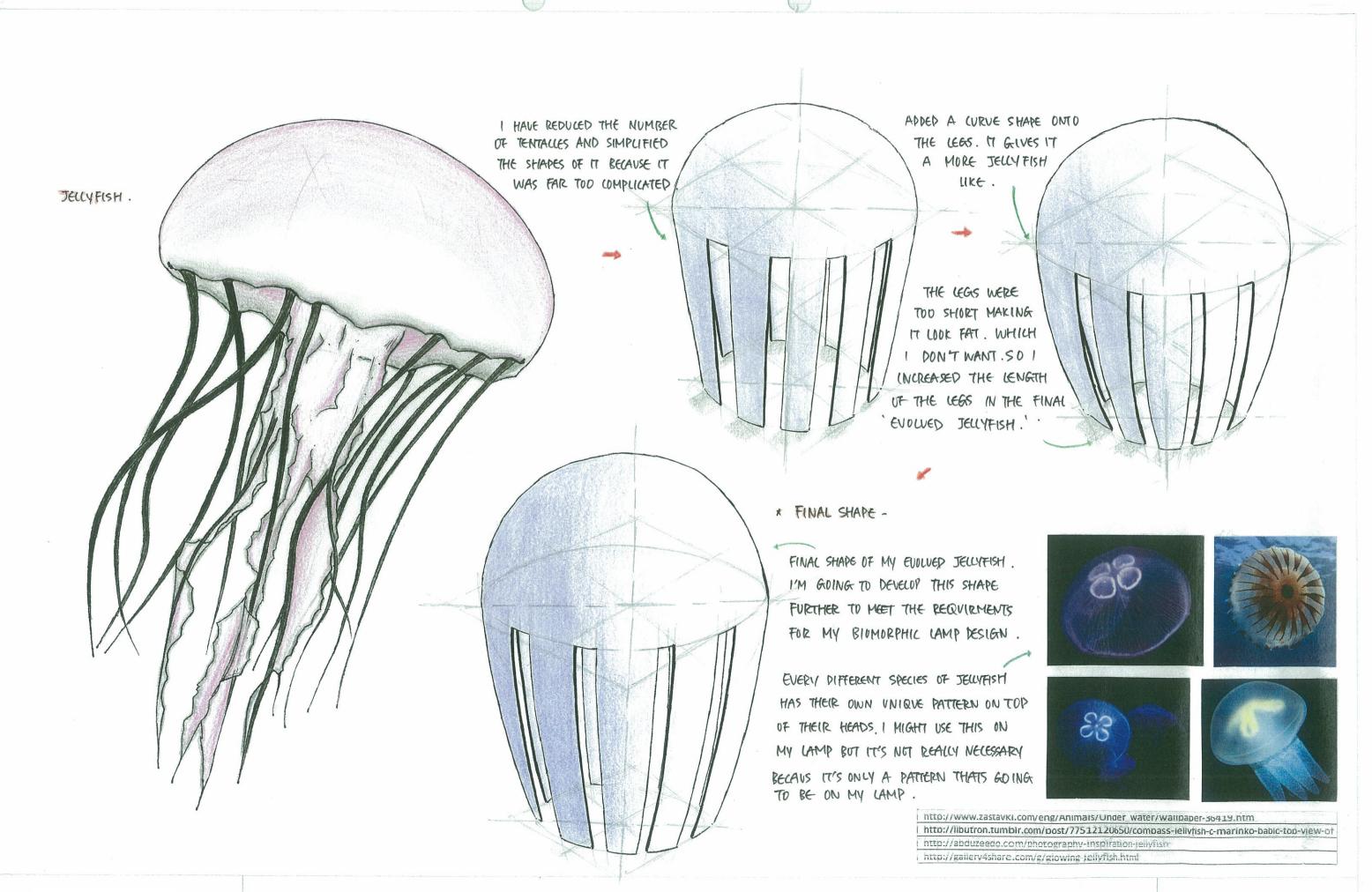


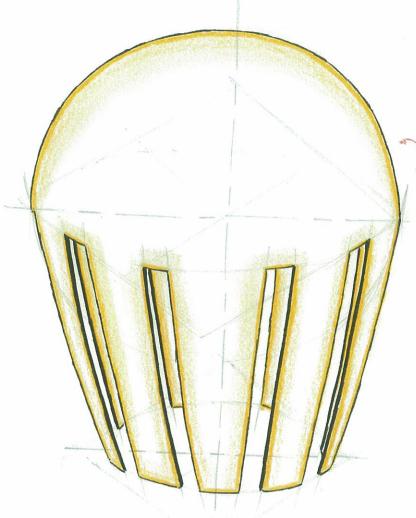


FL1 STANDARD FLASH 1/2/3		BLAST
31/2	15 LUMENS	15 LUMENS
(1)	60:00	30:00



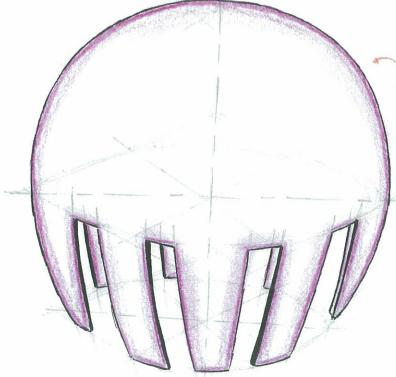
FL1 STANDARD	FLASH 1/2/3	BLAST
31/2	7 LUMENS	7 LUMENS
(1)	60:00 h:min	30:00 h:min





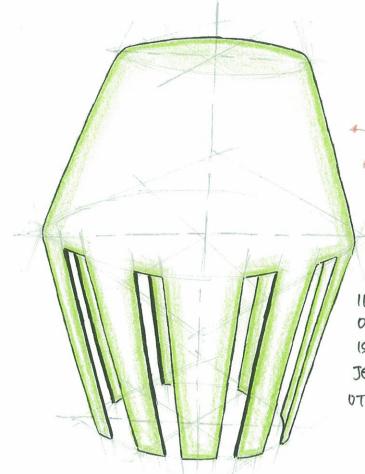
* SHAPE 1.

THIS IS THE FINAL SHAPE OF MY
EVOLUED JELLYFISH SHAPE DEVELOPMENT.
THIS SHAPE IS SIMPLE BUT EFFECTIVE
BECAUSE I LAN DEVELOP ALUT OF THIVES
OUT OF THIS SIMPLE SHAPE INTO A UNIQUE
BIDMORPHIC JELLYFISH LAMP. THE LENGTH
OF THE LEGS ARE THE SAME LENGTH
WITH THE HEAD. I THINK THE LEGS
SHOULD BE LONGER.



* SHAPE 2.

THIS DESIGN IS IDEAL FOR YOUNG CHILDREN SINCE IT'S ROUND, MAS NO SHARP EDGES AND THE BOUND SMAPE OF THE LAMP, PLUS THE SHORT LEGS IMAKE THE LAMP LOOK COTE. BUT I WANT MY LAMP TO HAVE LONG LEGS LIKE A REAL JELLY FISH SO I'M NOT GOING TO CHOUSE THIS IDEA.



* SHAPE 3.

THIS IS BY FAR THE WORST DESIGN

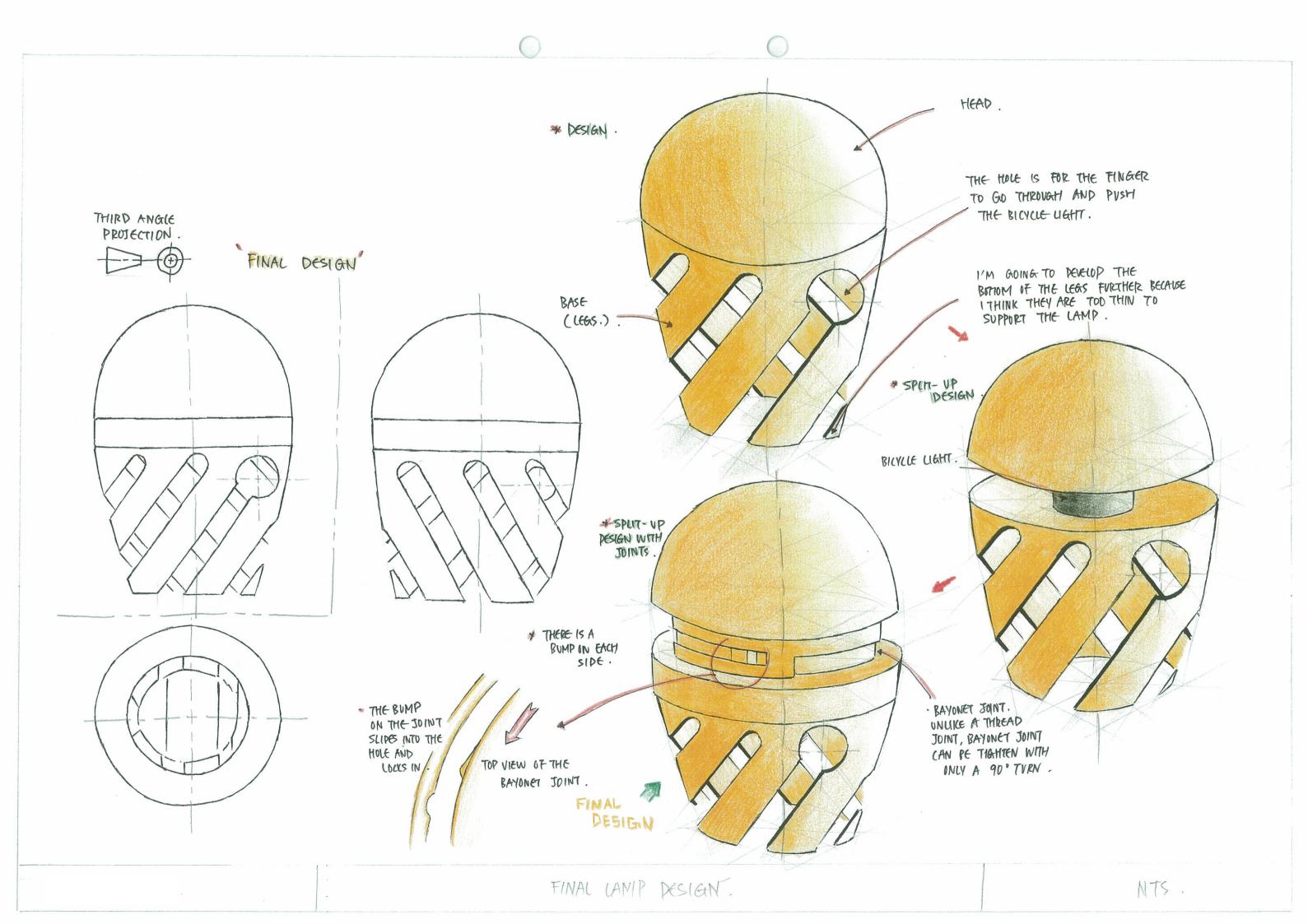
OUT OF ALL MY OTHER DESIGNS.

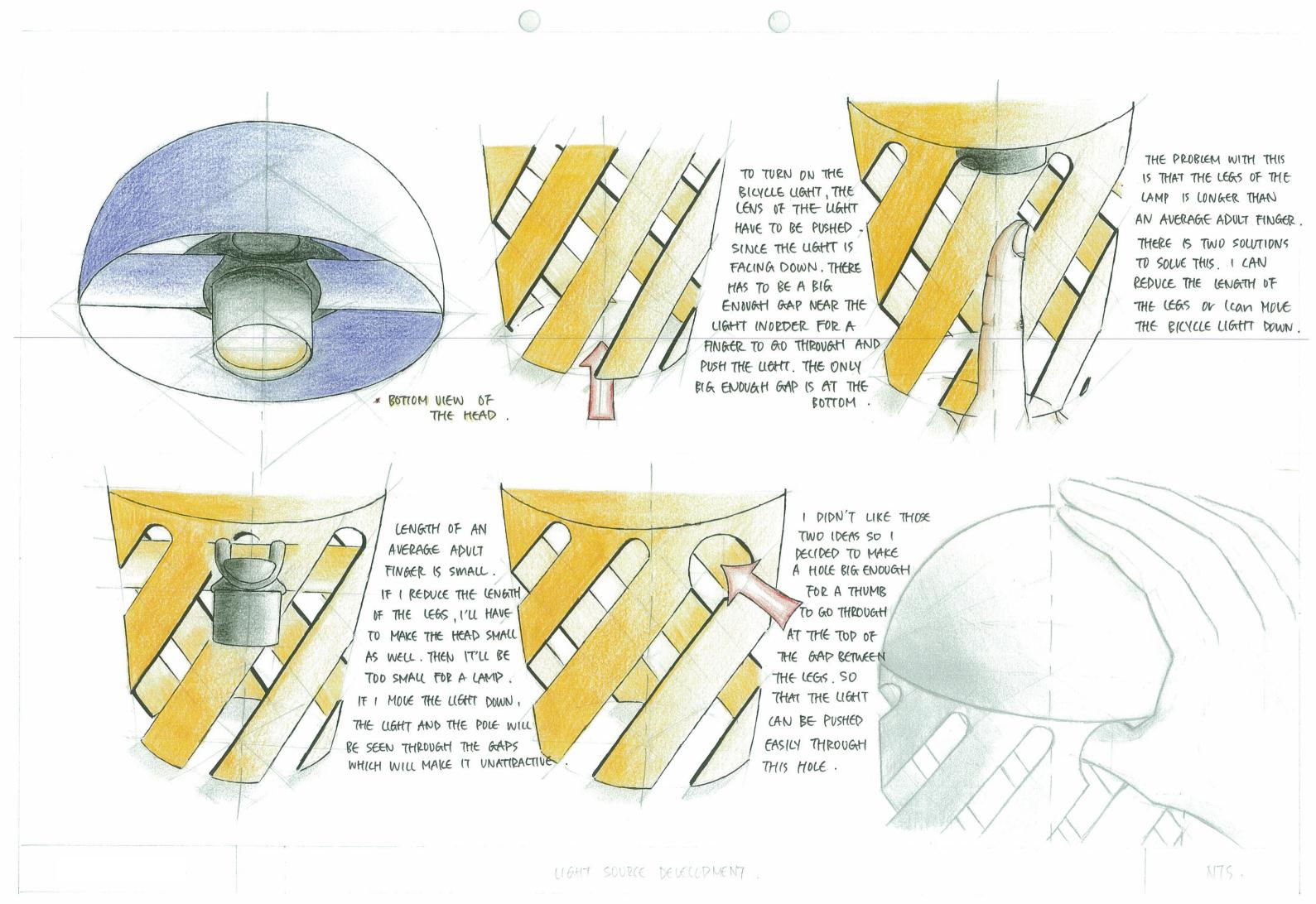
BECAUSE IT HAS ALOT OF STRAIGHT LINES
WHICH I DON'T LIKE AND IS NOT
IDEAL FOR A BIDMORPHIC DESIGN. THE
ONLY GOOD THING ABOUT THIS LAMP
IS THAT IT DOSEN'T LOOK LIKE A
JELLIFISH COMPARED TO ANY OF MY
OTHER IDEAS.

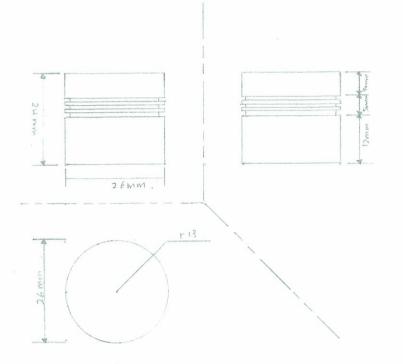


* SHAPE 4.

THE OVERALL SHAPE OF THIS
DESIGN IS IDENTICAL TO THE
ONE ON THE LEFT (SHAPE 2.)
BUT THE ONLY DIFFERENCE IS THAT
THIS ONE HAS LONGER LEGS.
THIS DESIGN HAS A SMALLHEAD AND
HAS LONG LEGS WHICH IS IDEAL FOR
MY LAMP DESIGN RECAUSE THE
ANIMAL THAT I'M USING IS JELLYFISH.



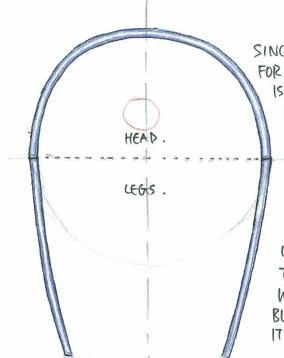






http://www.lezyne.comproduct-led-sport-femtofrnt.php#.Vaa2LO_ALIU

THE LEZYNE FEMTO DRIVE IS A BRIGHT, VUTRA - COMPACT 15 LUMEN SAFETY LIGHT. IT FEATURES AN INTEGRATED LENS SWITCH MADE OF HIGH GRADE OPTICAL MATERIAL, WHICH SERVES AS AN ACTIVATION BUTTON THAT HAS FOUR FLASH MODES AND ONE SOULD MODE. THE ALUMINUM BODY IS LIGHT WEIGHT, DURABLE AND EXTREMELY WEATHER-RESISTANT. THE COMPOSITE MATRIX BACK CAP FEATURES THE CLIP-ON SYSTEM FOR USERATILE SWAPPED OR CUPPED MOUNTING.



SINCE THE PLASTIC THAT I'M USING FOR THE 3-D PRINTING OF MY LAMP ISN'T SEE-THROUGH, IT WOULD BE BETTER TO HAVE THE BICYCLE LIGHT FACING DOWN INSTEAD OF FACING TOP. THE BEST PLACE TO FIT THE LIGHT WOULD BE THE INSIDE OF THE LEGS, THE LIGHT WOULD BE SEEN THROUGH THE GAPS OF THE LEGS WHICH WILL MAKE IT UNATTRACTIVE (UGLY. BUT IF I PUT IT INSIDE THE HEAD, IT WOULD BE COMPLETELY HIDDEN.

= THE LIGHT IS GOING TO BE HERE.

* BICYCLE LIGHT.

* IDEA 2.

! THINK THIS WILL BE THE BEST CHOICE SINCE THE LIGHT IS DESIGNED TO BE STRAPPED AROUND A METAL POLE (BICYCLE HANDLE).
! WILL BE USING PLASTIC INSTEAD OF ALUMINIUM FOR THE POLE.

THE POLE WILL BE STUCK.

TO GETHER WITH THE HEAD OF THE LAMP. AND THE POLE WILL BE HOLLOW IN THE INSIDE.

CHOSEN

IDEAS OF HOW I'M GOING TO ATTACH THE LIGHT TO THE LAMP.

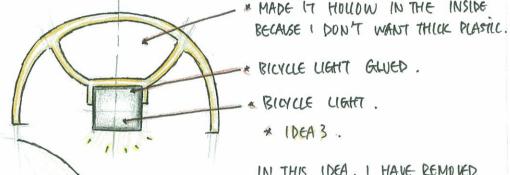


* TWO PLASTIC POLES. ON EACH SIDE.

* BICYCLE LIGHT .



IN THIS IDEA, I HAVE MADE
TWO PLASTIC POLES. THAT'S STVCK
TOGETHER WITH THE HEAD OF THE
LAMP. THE LIGHT IS SUPPED DISTO
THESE TWO PLASTIC POLES. ALSO
THERE IS A PLASTIC PANEC
BEHIND THE LIGHT TO PREVENT
THE LIGHT FROM FALLING OFF.
AND TO SUPPORT THE LIGHT
FROM PRESSURE WHEN SOMEONE
PUSHES IT.



THE TWO CLIPS AT THE BACK OF THE BICYCLE LIGHT AND GLUED IT TO THE INSIDE OF THE HEAD WHICH IS DESIGNED TO FIT THE LIGHT. THE PROBLEM WITH THIS IDEA IS, WHEN THE LIGHT IS DEAD, BATTERIES CAN'T BE CHANGED BECAUSE THE BACK OF THE LIGHT IS GLUED.

* PLASTIC POLE (HOLLOW) _

