

CAITLIN FISHER | HANYUE HU | MICHAEL LI | STEPHEN KROTSENG

RAPID MATE



USE CASE

SINGLE-DAY WHITEWATER EXCURSIONS





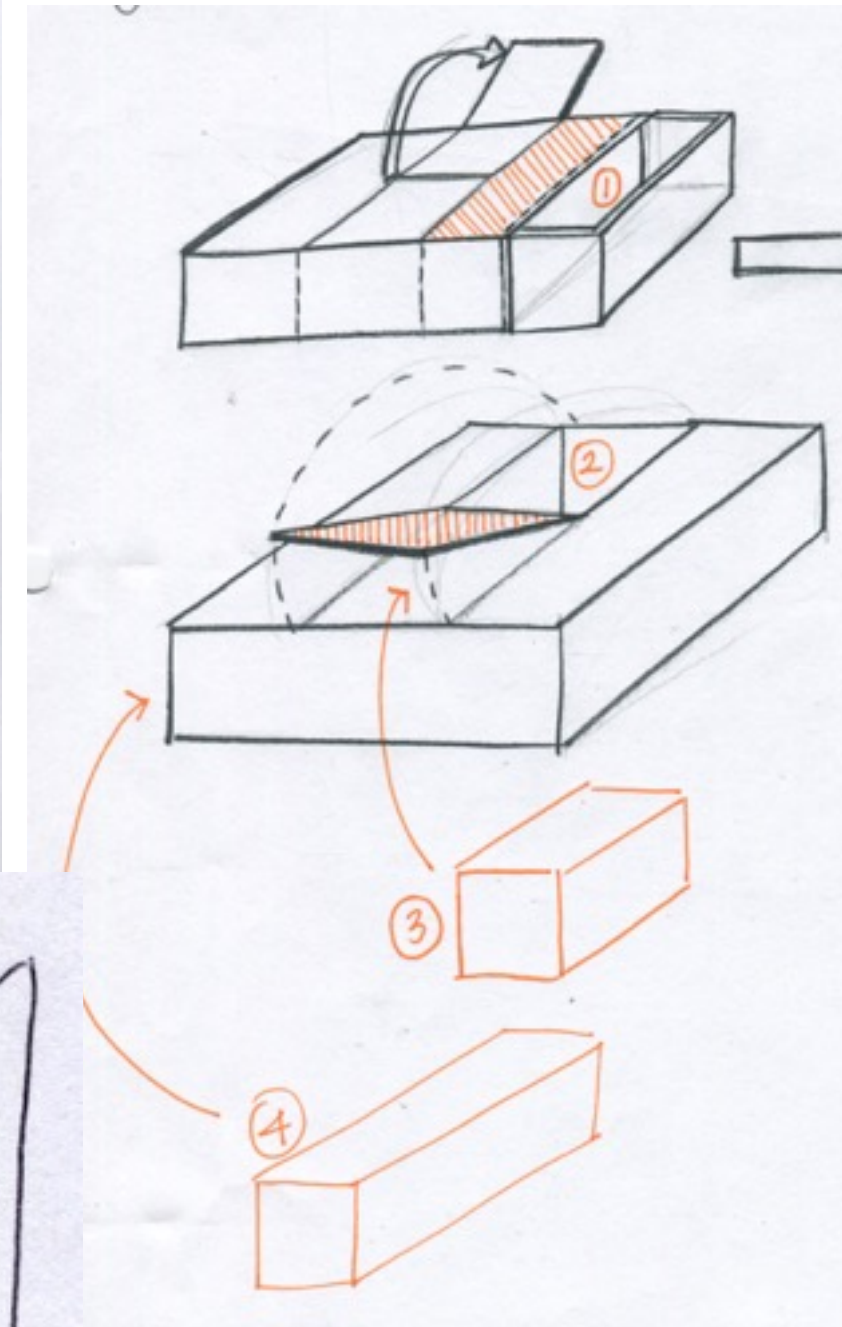
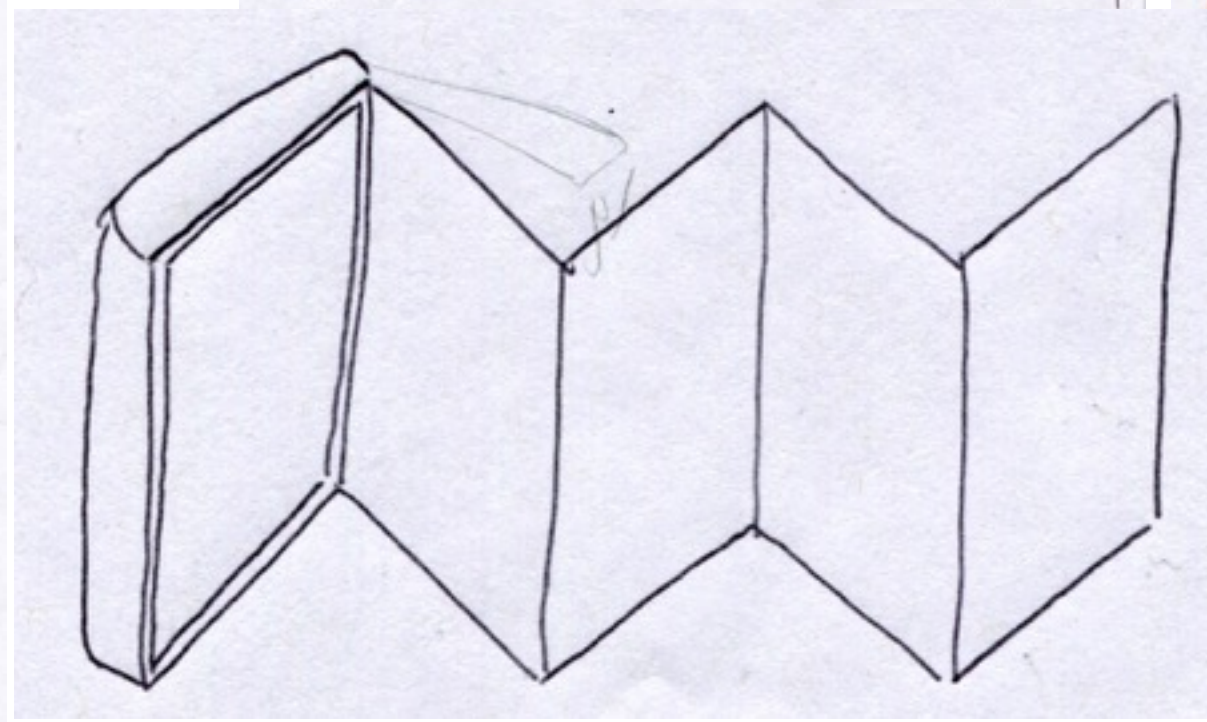
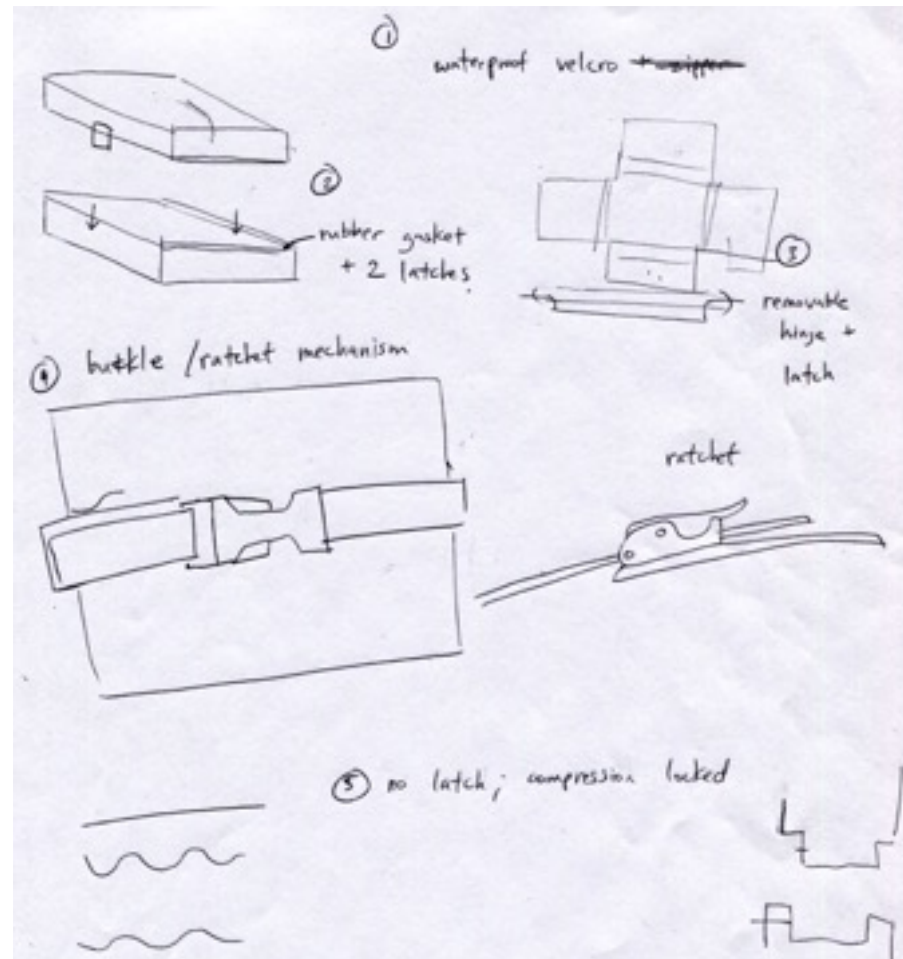
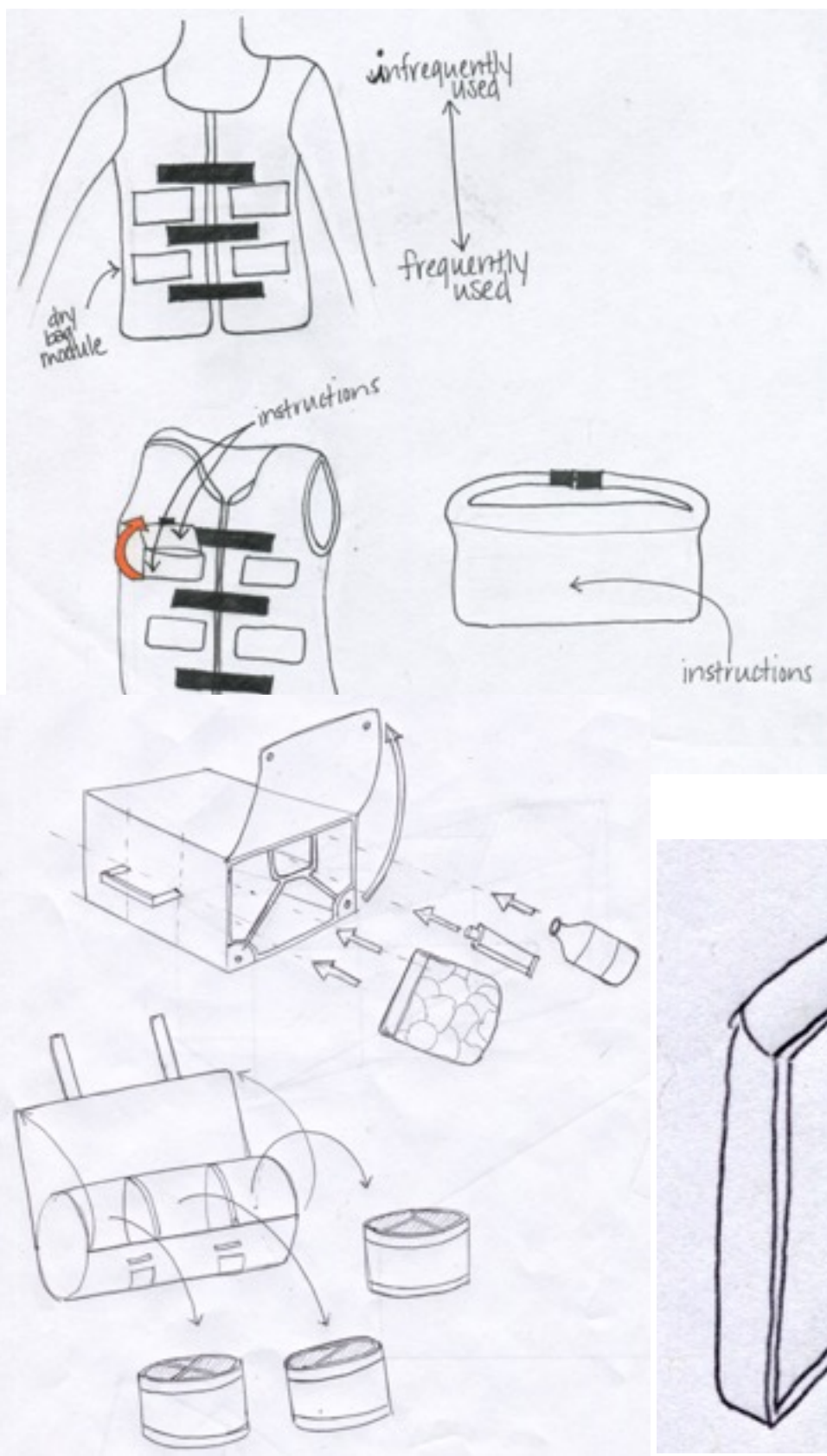
CURRENT SOLUTIONS

COMMON INJURIES

- Trauma from striking an object—in the river or on another participant's equipment
- Traumatic stress from the interaction of the paddler's positioning and equipment and the force of the water
- Overuse injuries
- Submersion and environmental injuries



BRAINSTORMING

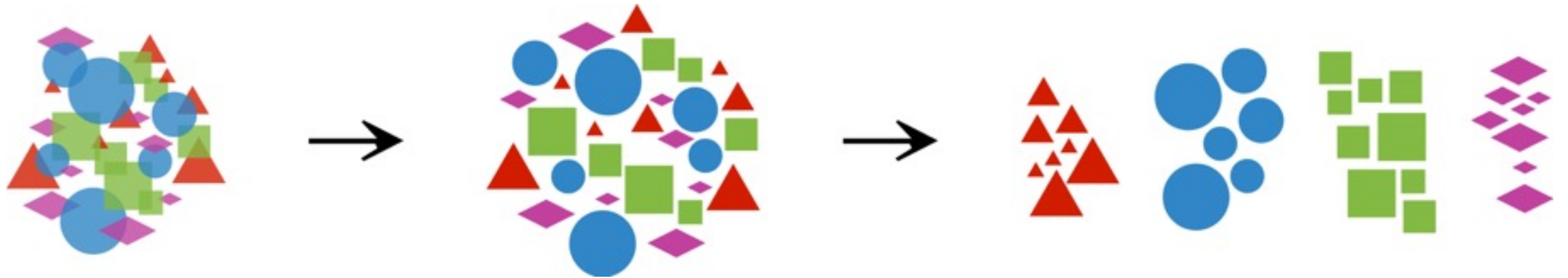


INTRODUCING
OUR SOLUTION



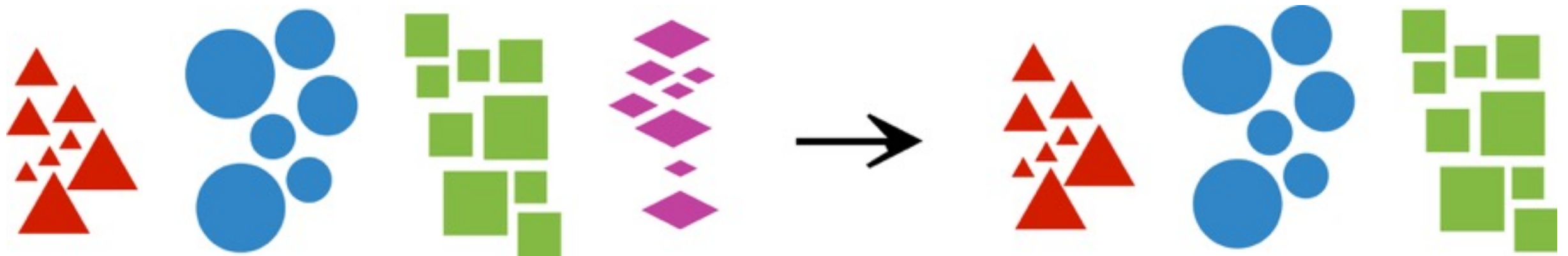
WHAT WE DID

- Sample kits were unorganized & scrambled, every item visible; we sorted based on injury-specific use



WHAT WE DID

- We got rid of unnecessary items/injuries for our context based on most common injuries



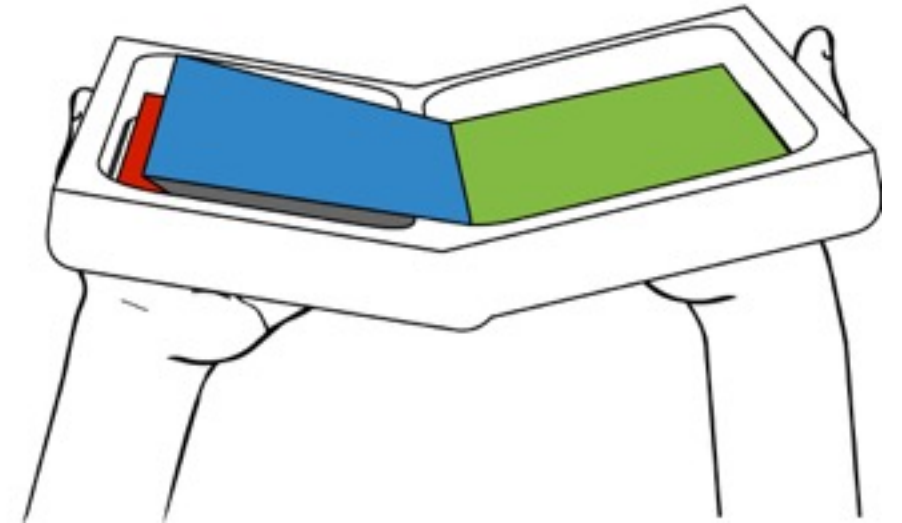
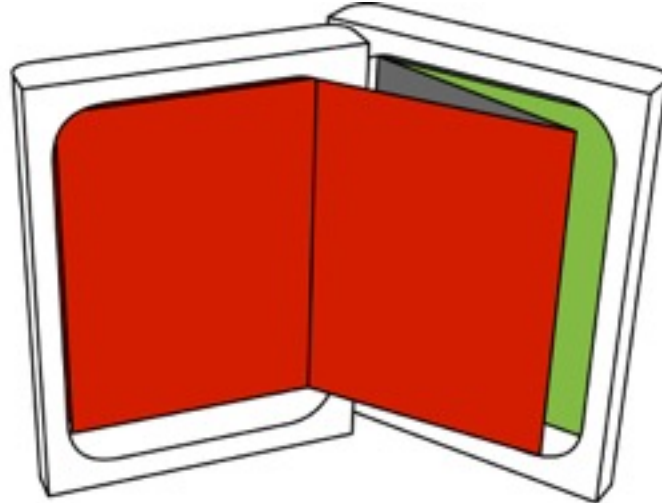
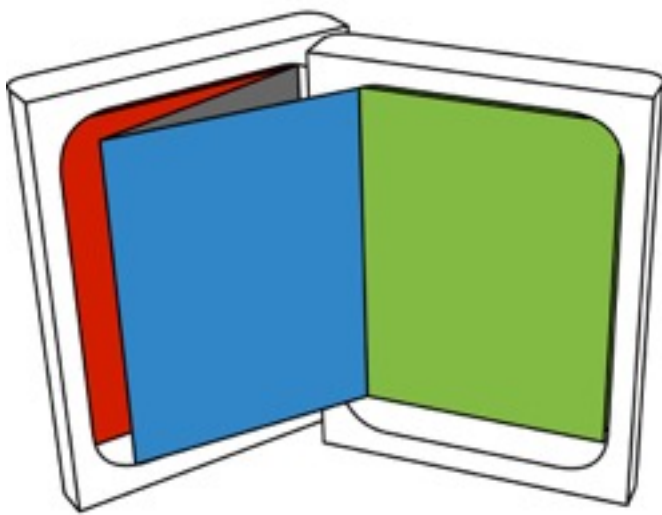
WHAT WE DID

- We included integrated instructions to decrease time taken to treat injuries



WHAT WE DID

- Users can access what little they might need...



WHAT WE DID

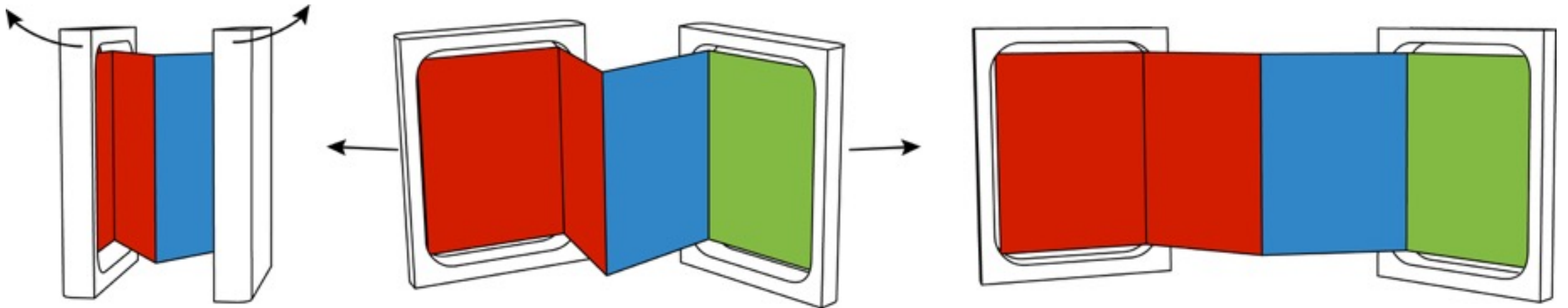


WHAT WE DID



WHAT WE DID

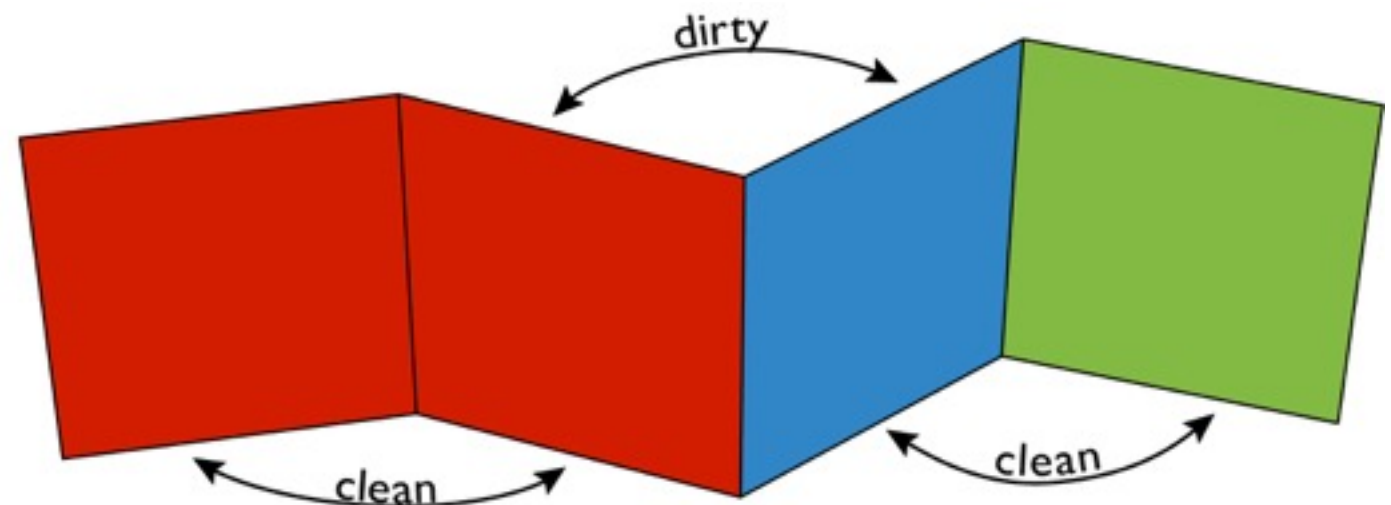
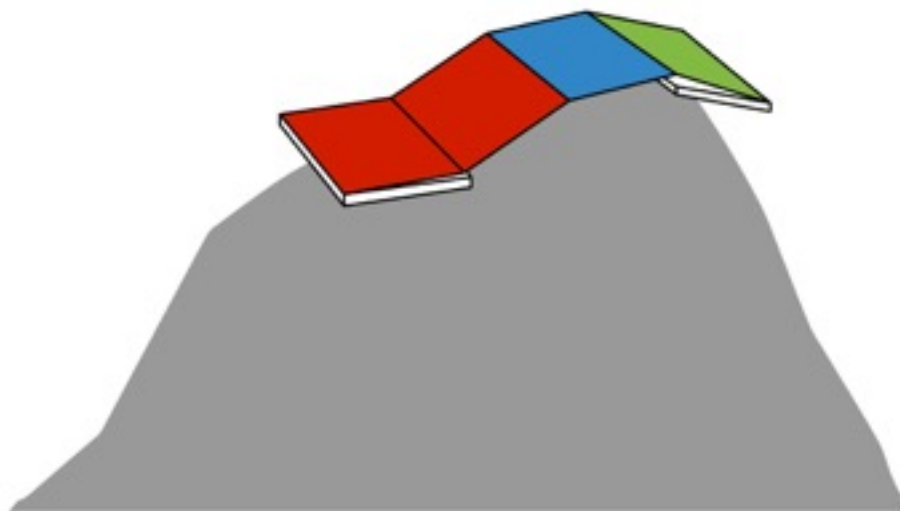
- ...Or users can access the whole kit





WHAT WE DID

- Medical contents will remain sterile and clean while being used outdoors due to accordion fold. Pockets keep the contents secure during use



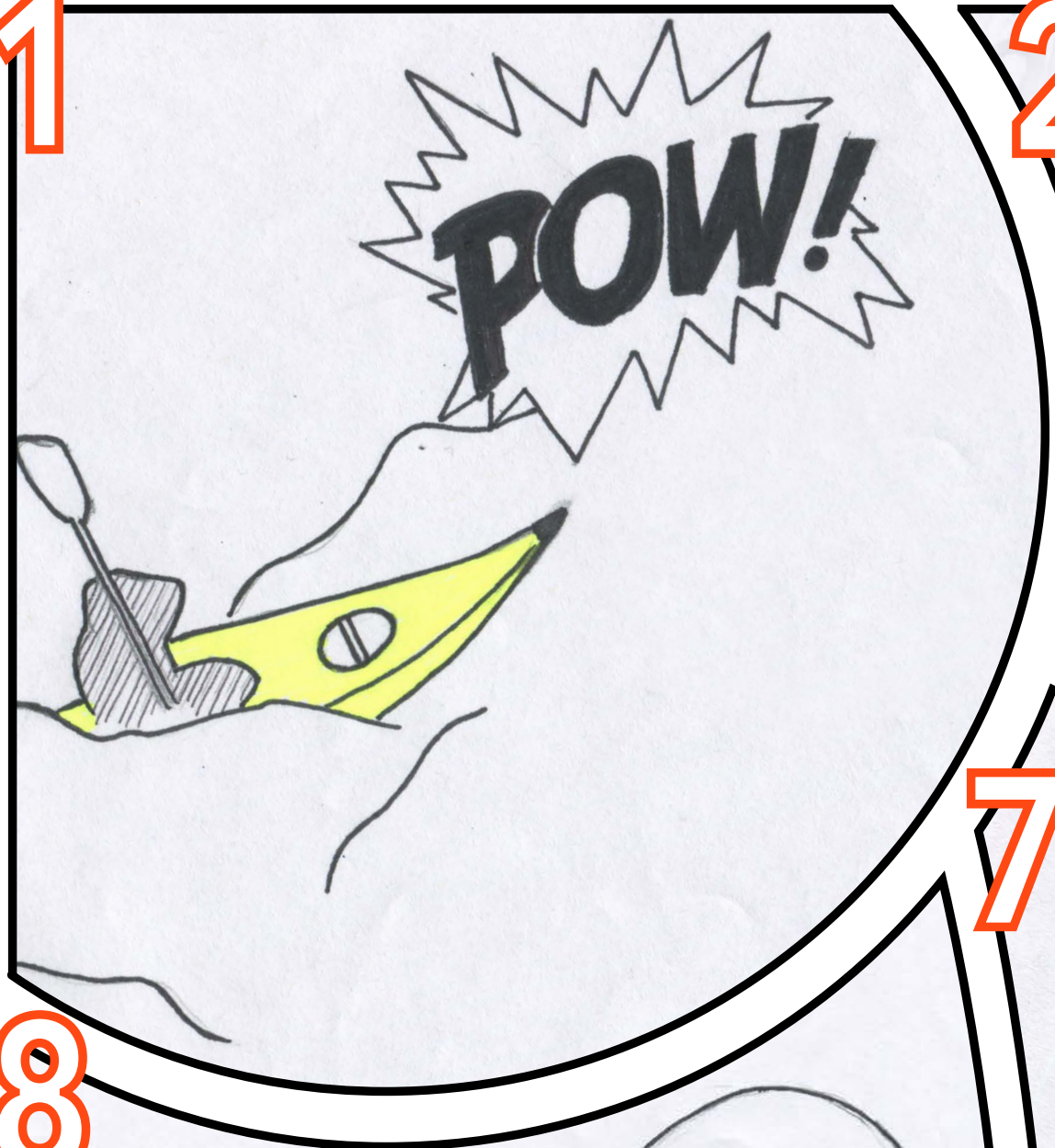
LOOKING FORWARD

- Production model of the kit would be water-tight and will float
- Materials would be rubber, waterproof silnylon (silicone nylon combination), and polypropylene for a rugged structure

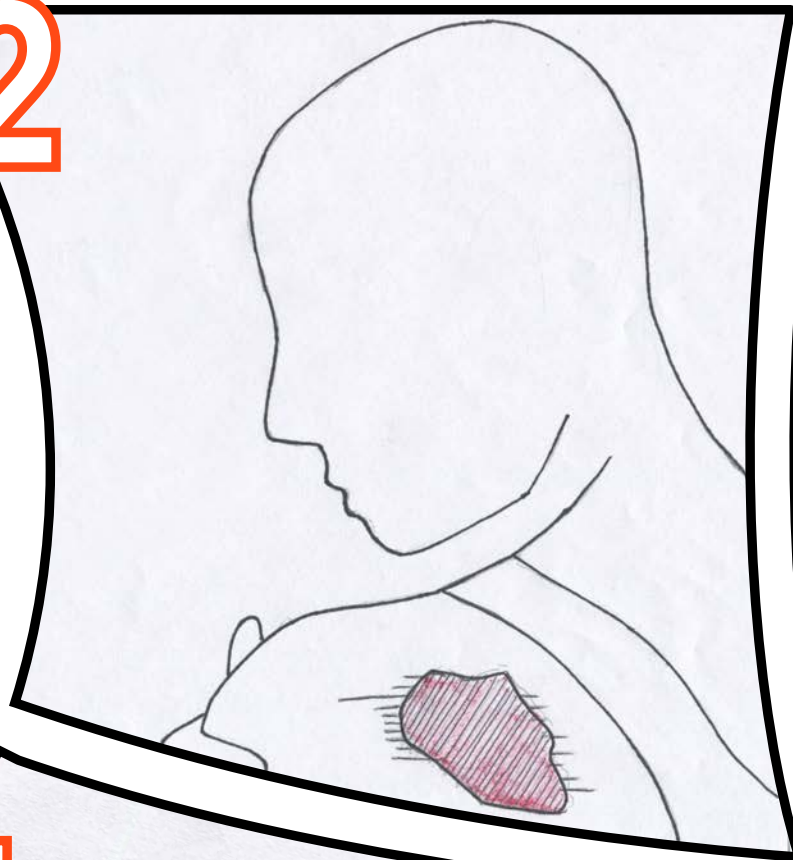


STORYBOARD USE CASE

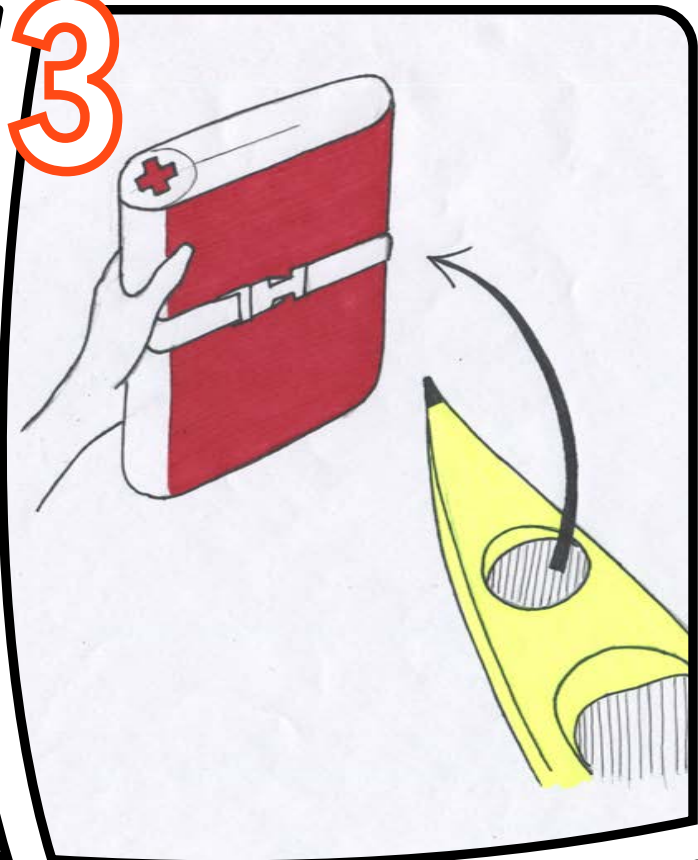
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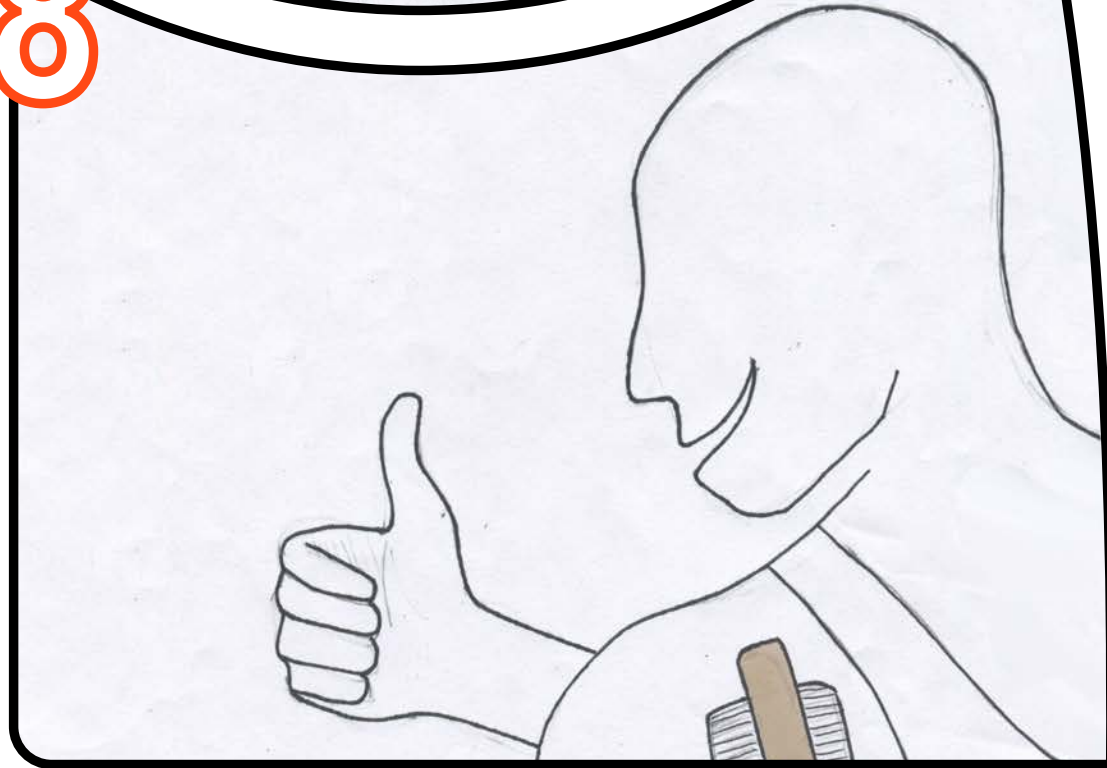
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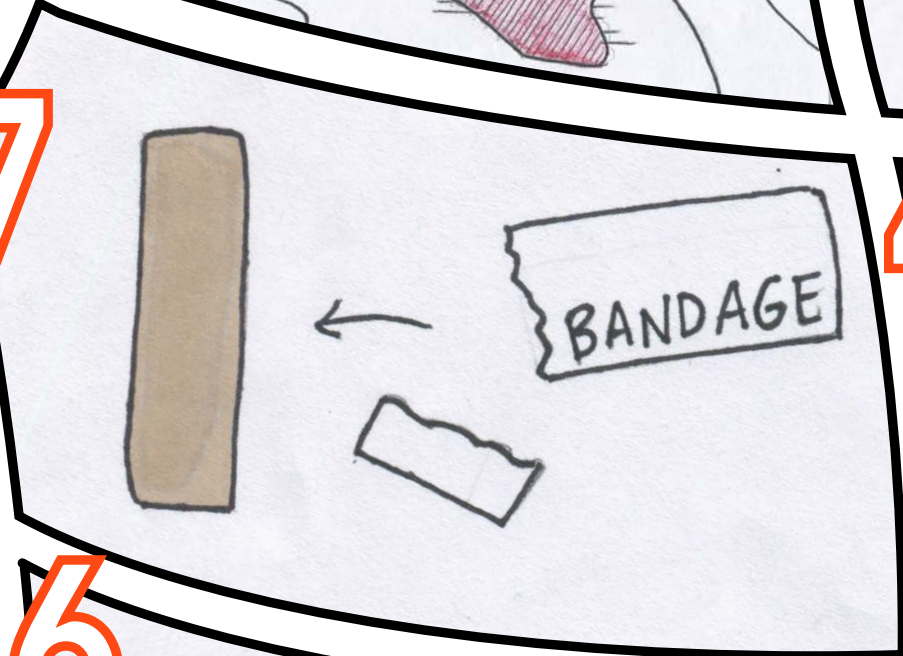
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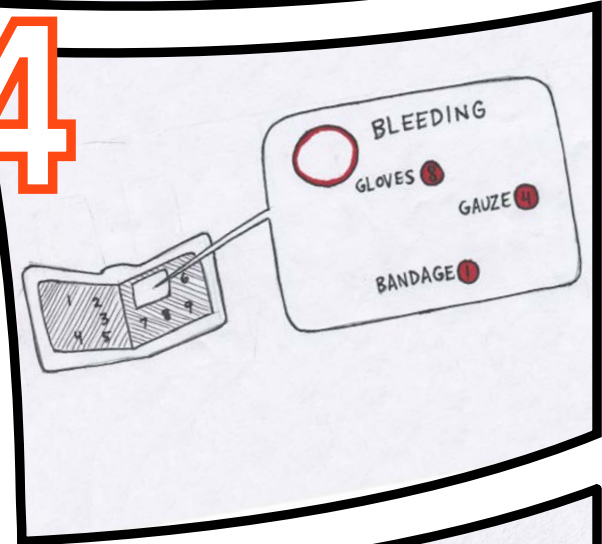
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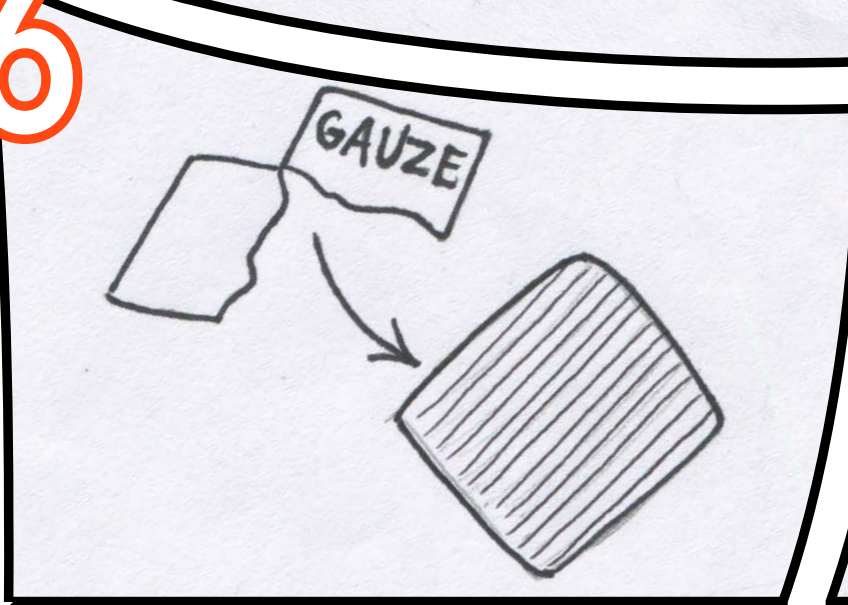
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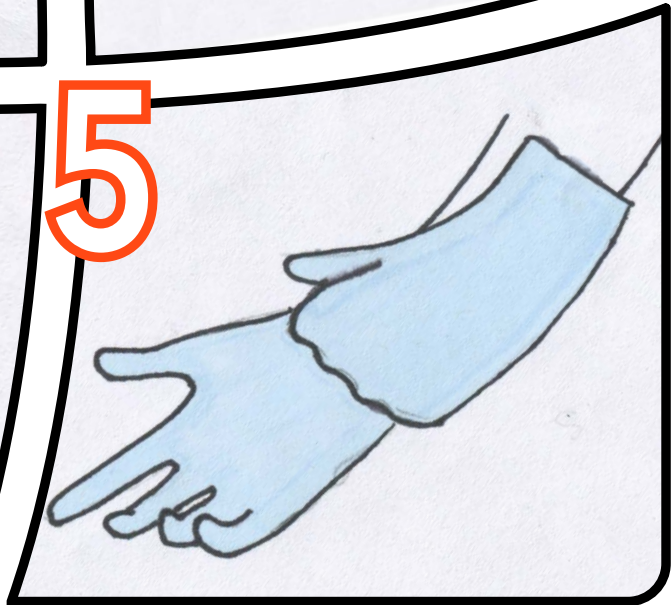
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QUESTIONS?

