but I cannot draw....

me neither...
roto
copy from image by drawing over it

take photo
trace lines
remove photo

[Patrick Baudisch]
activate/deactivate color

digitally paint

[Parinya Punpongsanon]
goal for today:

- take one of your idea scribbles
- make this one idea look really good for next week's presentation
why use rotoscopes and not photos?
The ability of cartoons to focus our attention on an idea is, I think, an important part of their special power, both in comics and in drawing generally.
rotoscoping is very clear

can be made very small
best to communicate high-level concepts
useful tricks
what are some things you notice in the drawing that make this look better?

<30s brainstorming>
only **outer lines are thick**, lines are thin when inside the hand.

single, flat, **pale skin color**

**single line** indicates: this is inside of hand
try to keep number of control points to a minimum.

the fewer points the smoother the result
labels of sub-figures partially overlap the figure
let’s look at one more example...
what are some things you notice in the drawing that make this look better?
"cut lines" = an extra white line behind a black line to clarify depth ordering

showing only some fibers

missing corner makes it look round

perspective (this is not two copies of the same block)
for **drawing perspective**, use either one or two vanishing points
reuse and uniformity
take elements separately
combine
draw over
colorize
once you have a collection, you can quickly reuse
making a stencil slide
with all the elements you need → will help you make the paper look uniformly

3.33”

a 3.33” column
on the slide master
helps draw everything
to scale

label sub-figures (a), (b),
use same labels for all figures

thick lines 1.5pt
thin lines 0.75pt

black prints well, avoid color unless meaningful
what drawing tool to use?
anything that has a **path pen tool**
Illustrator, inkscape, opendraw.
<live demo>
other ways to make rotos
3D modeled then rendered as sketch

I think this was Solidworks.

[Tobias Mohr]
exercise
feel free to leave when you are done, see you on wednesday :)

make your own rotoscope:

1. take one of your project ideas
2. google image search or pose a classmate
3. rotoscope

take photo  trace lines  remove photo