

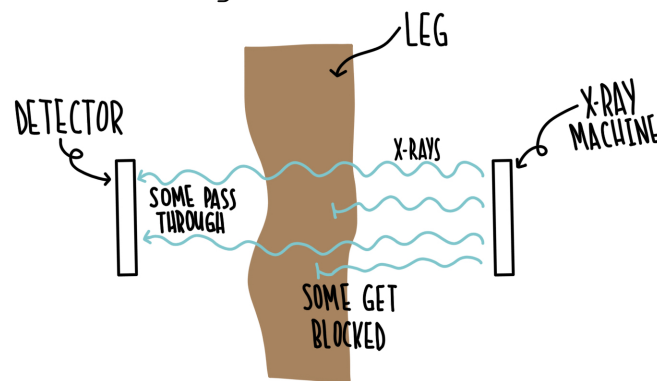
X-Rays

A medical X-ray machine allows you to see things like bones inside your body.



X-RAY OF A KNEE

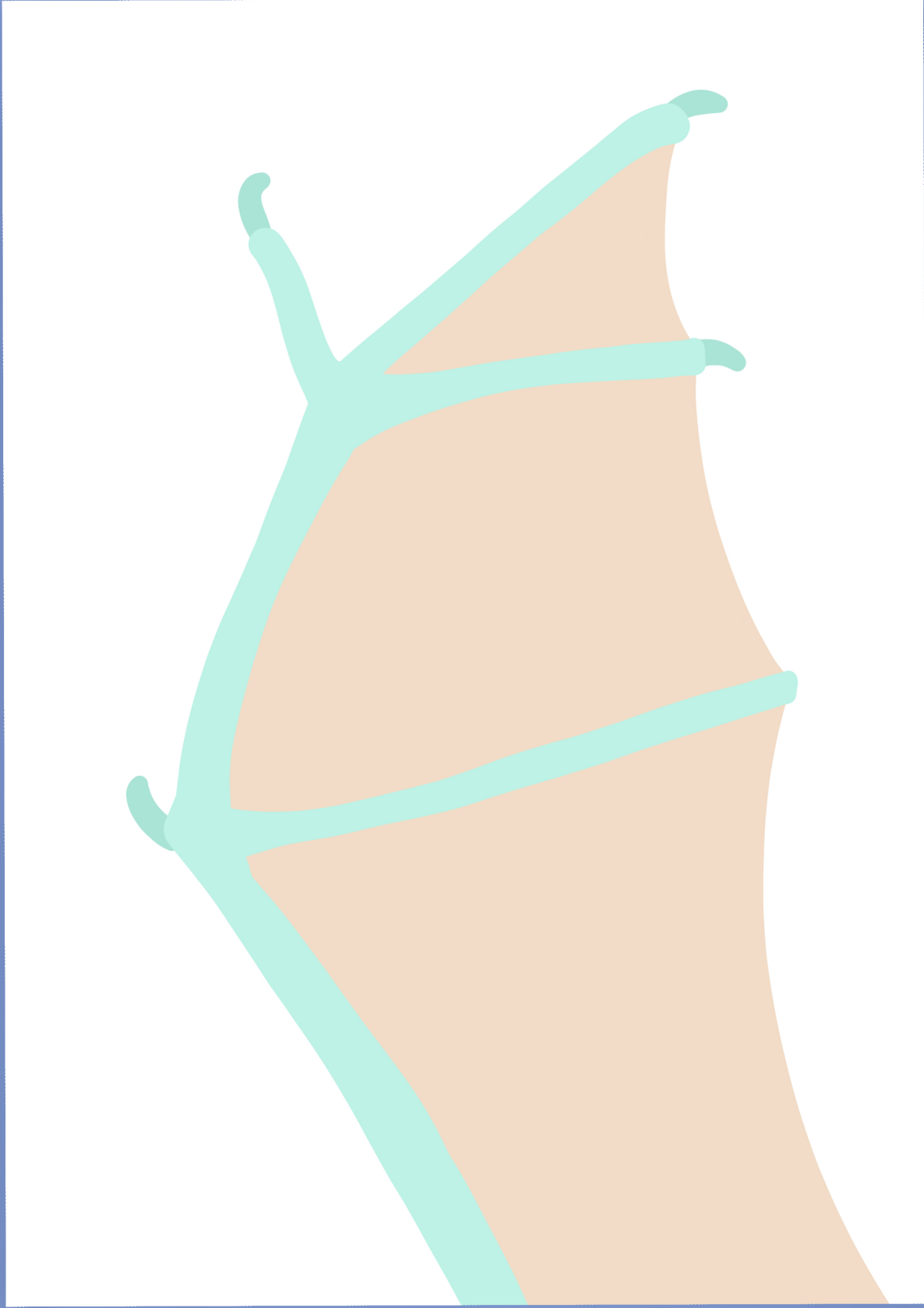
X-Rays are high energy waves that can pass through our skin and other tissues in our body. Some materials, like bone, block X-rays from passing through. Film or a detector can receive those X-rays that pass through and create an image.

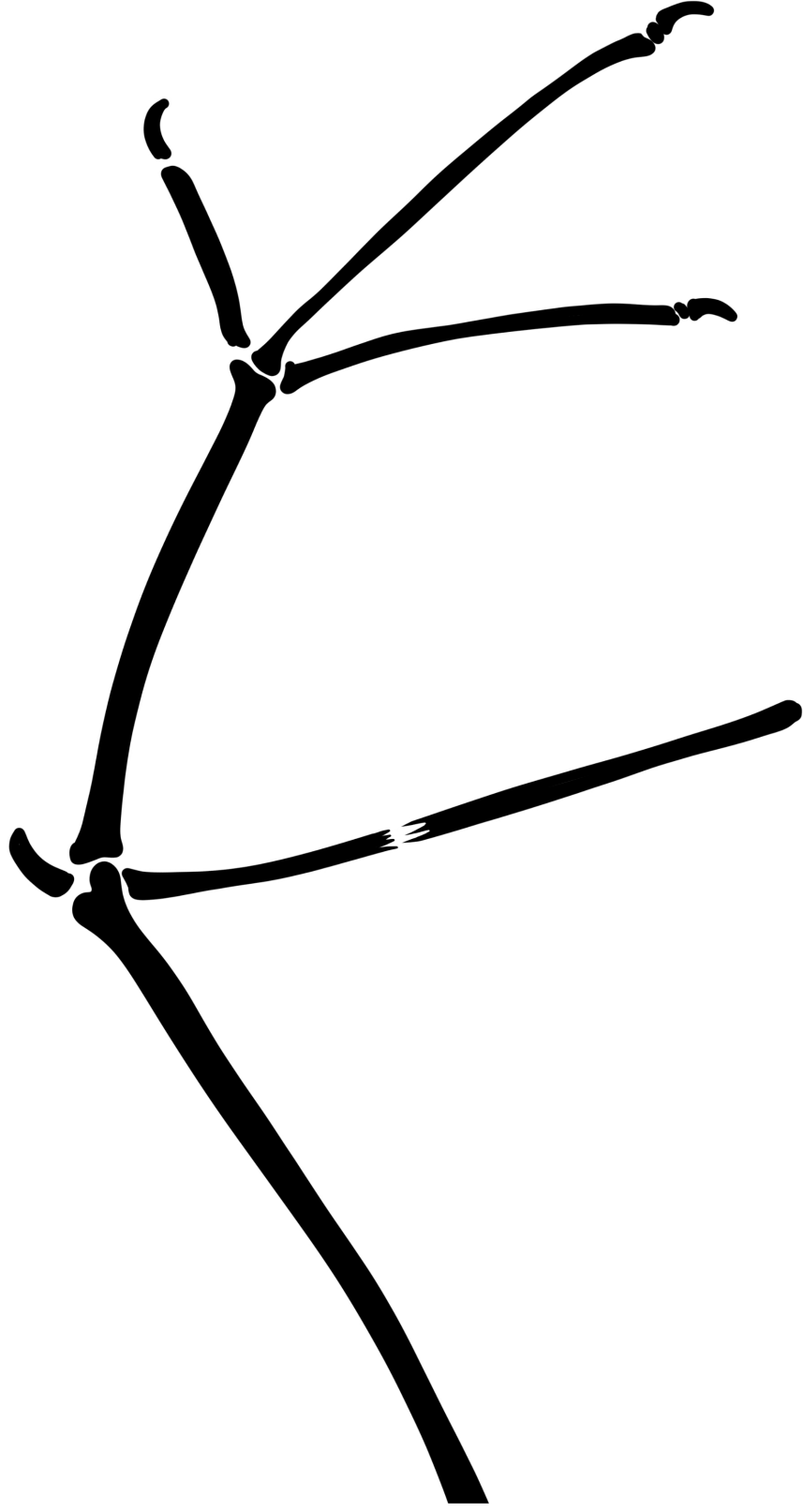


In this activity, you will print your own play X-ray films that will reveal the image when you hold it up to a light or window. These use ink to block visible light from passing through paper, similar to how bone blocks X-rays from passing through a body!

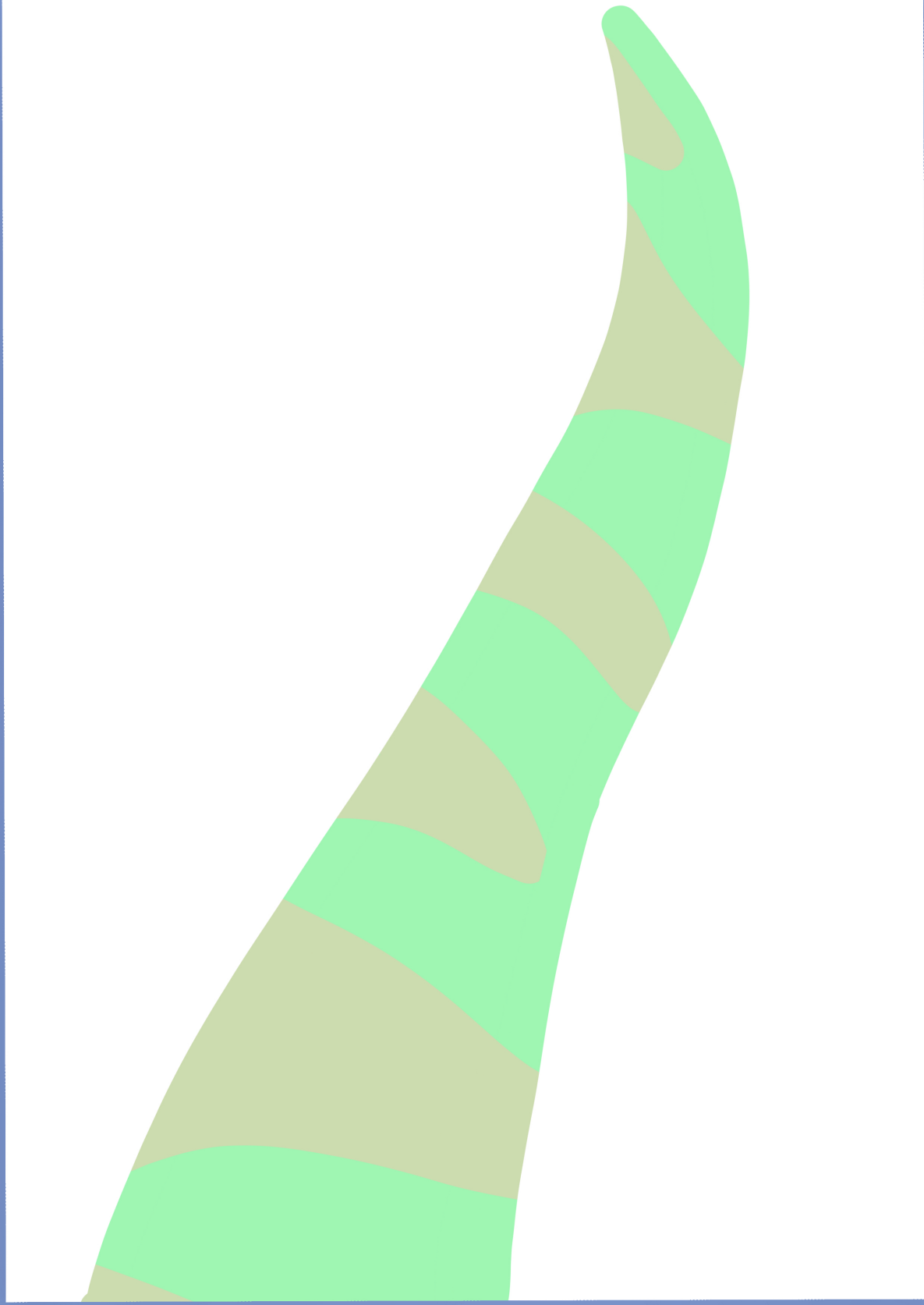
**Layer "top sheet" over "bottom sheet" then tape together.
Hold the sheets up to light to reveal the image!**

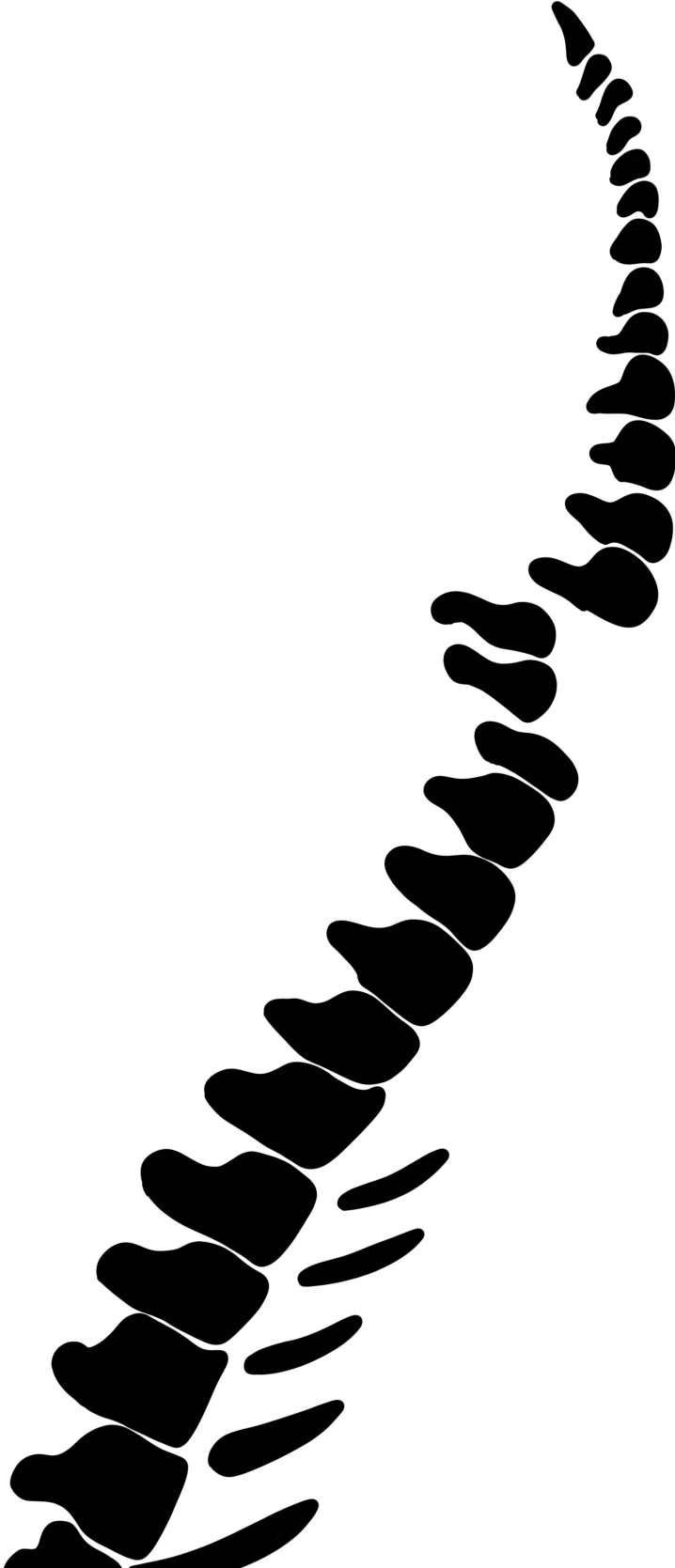
X-Ray





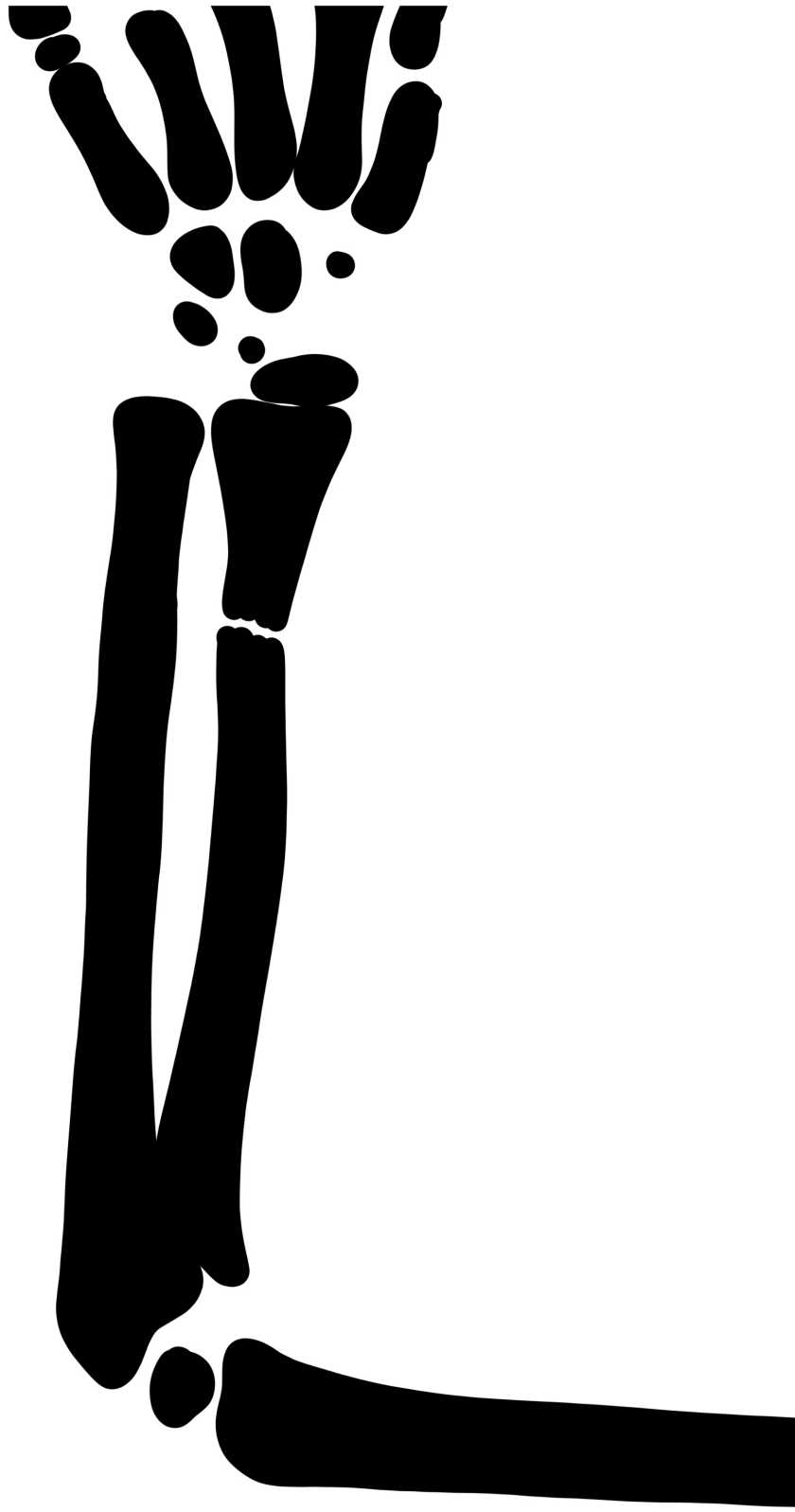
X-Ray





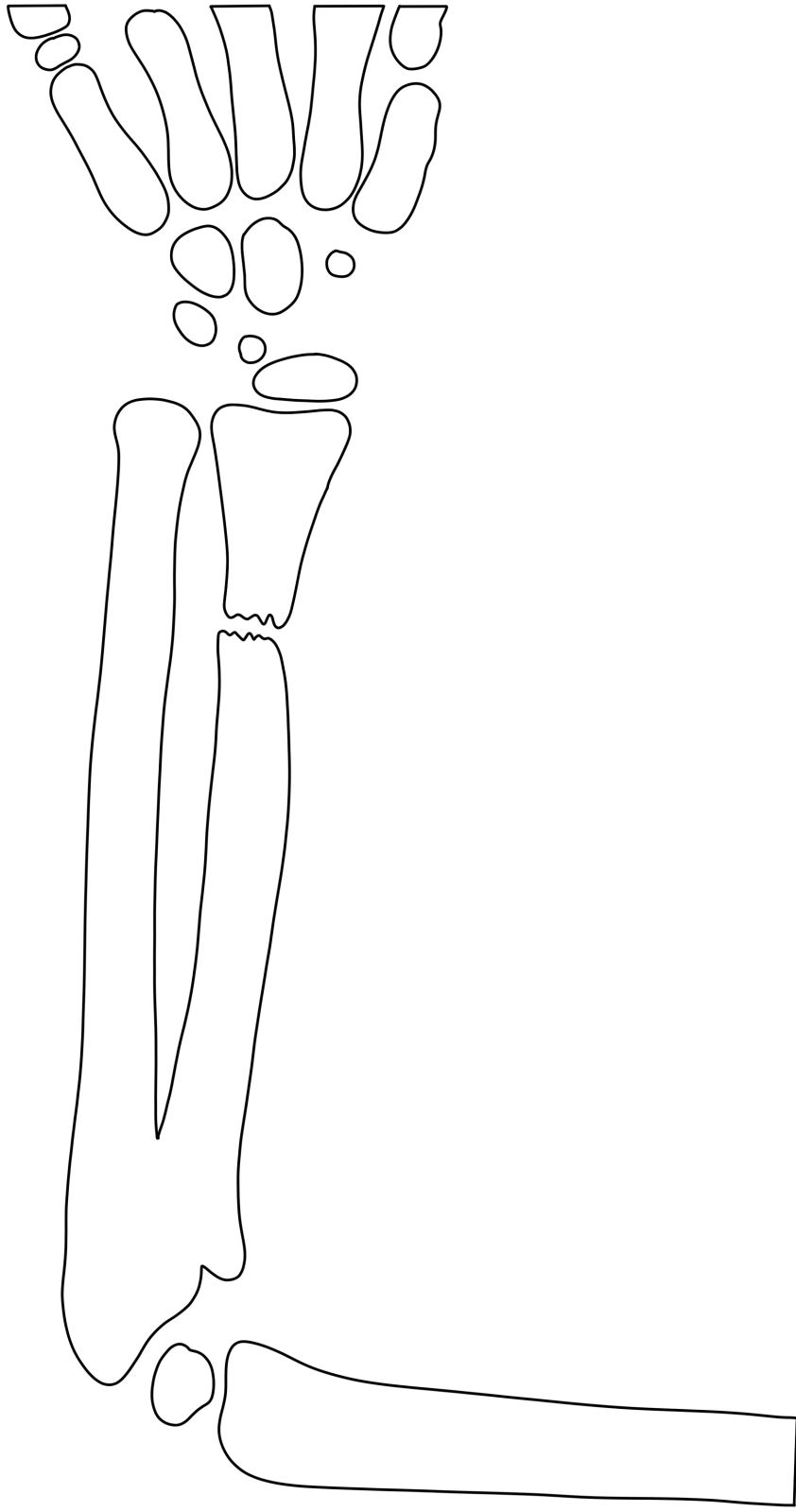
X-Ray

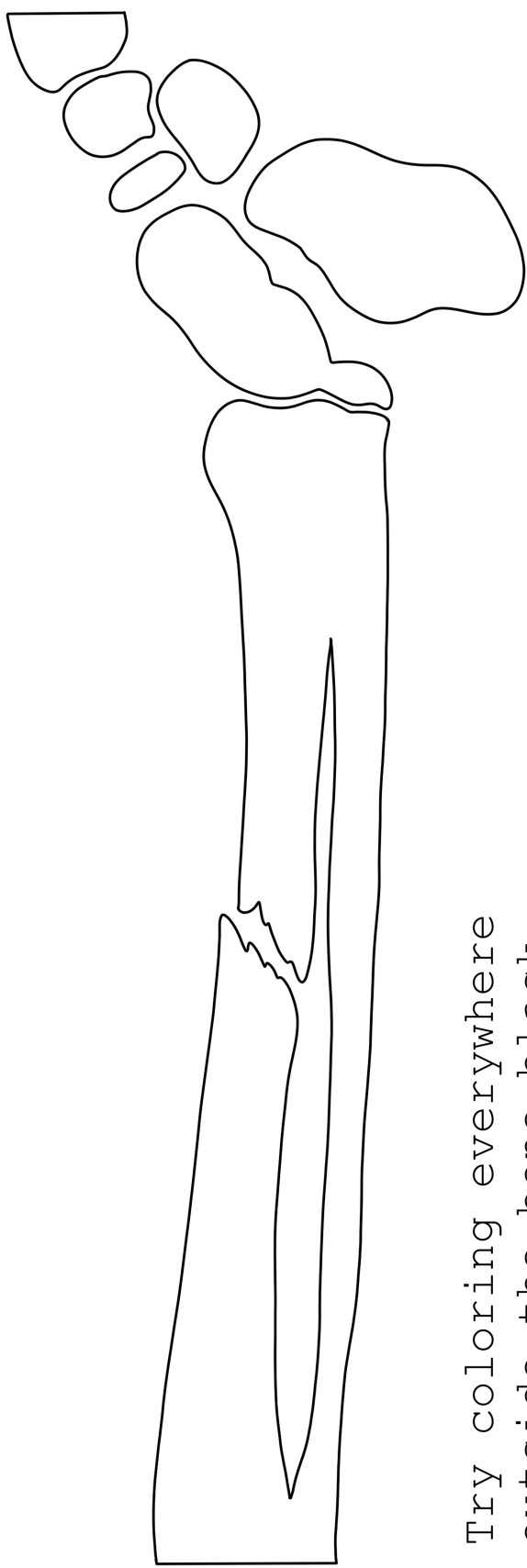






Try coloring everywhere
outside the bone black,
keeping the bone white,
then layer the top sheet
over this for a different
effect when you hold it
up to the light!





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