Codebridge Final Project Content:

<http://glwcblog.blogspot.com/2013/04/>

<https://www.youtube.com/watch?v=SUqQRX7vpa4>

Cinemagraph element?

TriumphRainbow LLC:

<https://www.youtube.com/watch?v=FdE48YSu7ww>

<https://www.youtube.com/watch?v=Vv6Q_SW71zM>

<https://wallpapersafari.com/w/TMXGzq/>

**[informations-documents.com](https://www.pinterest.com/source/informations-documents.com/)**

**[biodiversitylibrary.org](https://www.pinterest.com/source/biodiversitylibrary.org/)**

<http://currents.plos.org/treeoflife/files/2014/03/Figure1_radial210314.png>

<http://www.wallpapersbyte.com/wp-content/uploads/2015/07/Duck-Minimalism-Lake-River-Nist-Water-WallpapersByte-com-3840x2400.jpg>

<https://www.behance.net/gallery/28689579/30-days-with-ANIMALS>

<https://i.pinimg.com/originals/08/1f/67/081f679b2a4a7b6f7e0fe6f0f2eb005a.jpg>

<https://i.pinimg.com/736x/55/c7/a3/55c7a3395d26951104112fd6f1fdcf89--the-duck-ducks.jpg>

<https://3.bp.blogspot.com/-XjTzk5senGQ/V8W03m_zZFI/AAAAAAAAGJ0/TrYNS0XAo-88MQqJsVg3VBD_3MbIA5HRwCLcB/s1600/26987327575_78ed26f527_k.jpg>

<https://upload.wikimedia.org/wikipedia/commons/8/89/Extinctbirds1907_P36_Camptolaemus_labradorius0363AA.jpg>

https://upload.wikimedia.org/wikipedia/commons/f/f3/ErismaturaMaccoaDavies.jpg

LOGOS:

<https://upload.wikimedia.org/wikipedia/commons/thumb/a/a5/Elder_Duck_1_%28PSF%29.png/671px-Elder_Duck_1_%28PSF%29.png>

<https://www.birdguides-cdn.com/cdn/taxonomy/assets/027117_P001_FerruginousDuck.png?&width=640&height=480&bgcolor=ffffff&scale=canvas>

<https://www.birdguides-cdn.com/cdn/taxonomy/assets/027117_P006_FerruginousDuck.png?&width=640&height=480&bgcolor=ffffff&scale=canvas>

<https://upload.wikimedia.org/wikipedia/commons/d/da/The_birds_of_America_%28Pl._396%29_%288592746756%29.jpg>

<https://www.birdguides-cdn.com/cdn/taxonomy/assets/027083_P001_Mallard.png>

<https://www.birdguides-cdn.com/cdn/taxonomy/assets/027083_P006_Mallard.png>

[www.dogandduck-e17.co.uk](https://www.dogandduck-e17.co.uk/)

<https://upload.wikimedia.org/wikipedia/commons/7/73/Duck_and_Drake_%28External_characteristics%29.png>

1 Schnabel 12 Zehen

2 Bohne - bean 13 Zehennagel

3 Nasenöffnung 14 Schwimmhaut

4 Stirn 15 Ferse (Belle)

5 Auge 16 Hinterzehen

6 Nacken 17 Hinterpartie

7 Backen 18 Schwanz

8 Hals 19 Schwanzlocken

9 Kehle 20 Flügel

10 Brust - breast 21 Spiegel

11 Bauch 22 Flügeldeckfedern

Recipes:

Duck confit pic:

<https://images.food52.com/YzEMhGwFirK4DoGX03L-5alSY3A=/753x502/480e1723-2c92-4d23-b26c-3be67732fc5c--food52_01-24-12-0809.jpg>

Duck confit recipe:

<https://www.saveur.com/article/Recipes/Duck-Confit>

Fois gras:

<http://www.seriouseats.com/recipes/2012/12/pan-seared-foie-gras-spiced-citrus-puree-orange-food-lab-recipe.html>

Peking Duck:

<http://www.seriouseats.com/recipes/2010/09/peking-duck-mandarin-pancakes-plum-sauce-recipe.html>

Pic:

http://thewoksoflife.com/wp-content/uploads/2015/11/peking-duck-recipe-13.jpg

Duck breast:

<http://www.seriouseats.com/recipes/2010/09/sous-vide-101-duck-breast-recipe.html>

Migration pattern

<https://files.allaboutbirds.net/wp-content/uploads/2016/01/la-sorte-map-118-spp-64-725.gif>

ANATOMY:

https://www.google.com/search?biw=1648&bih=1055&tbm=isch&sa=1&ei=i2QbWt-ABZCjggfBrJOwBA&q=illustration+molting+mallard&oq=illustration+molting+mallard&gs\_l=psy-ab.3...48649.51229.0.51371.13.12.0.0.0.0.354.1379.0j3j2j1.6.0....0...1c.1.64.psy-ab..8.0.0....0.sySlTHpOK64#imgrc=cYYJCOgSIFaxyM:

Life cycle info and pictures:

Nesting:

<https://www.allaboutbirds.org/guide/Mallard/lifehistory#at_nesting>

<http://www.sallymitchell.com/prodimg/17085-F_1_Zoom.jpg>

Brood rearing:

<https://naturallycuriouswithmaryholland.files.wordpress.com/2013/06/6-5-13-mallard-ducklings-151.jpg>

<https://i.pinimg.com/originals/44/78/a5/4478a5f2dbf5cfd72934039f0c86626c.jpg>

<https://leesbirdblog.files.wordpress.com/2012/07/the-mallard-duck.jpg>

Migration:

<https://i.pinimg.com/originals/0e/71/8b/0e718bdb46ff8b1cae6096c82c571192.jpg>

Post breeding:

<https://www.donaldheald.com/pictures/medium/07575-1.jpg?v=1504819529>

Molting:

<https://www.winnipesaukee.com/photopost/data/15147/IMG_5711.jpg>

Migrate fall:

<https://cdn.shopify.com/s/files/1/0279/6573/products/Dropping_in_large.JPG?v=1424748416>

Wintering:

<https://www.adn.com/resizer/jbN7_kAmO3qMGmEyYn72I8VQflg=/1200x0/s3.amazonaws.com/arc-wordpress-client-uploads/adn/wp-content/uploads/2017/03/10022320/Fairbanks-mallards.jpg>

Pre-nesting:

<https://i.pinimg.com/736x/e4/e2/49/e4e24901bf3297e860c83868749eede4--mallard-bird-paintings.jpg>

Paper texture:

<http://www.onlygfx.com/wp-content/uploads/2015/11/simple-old-paper-1.jpg>

DUCKS IN MEDIA:

Dapper duck:

<https://3.bp.blogspot.com/-DSSouDUerRY/WWvqrXRha2I/AAAAAAACgeI/tu3d9mPN4voHR0y14y4-fkjV2A7UI6oxQCLcBGAs/s1600/Bob%2BVenables%2B920.jpg>

Tom and jerry

<https://www.youtube.com/watch?v=9UL-h7k6HgA>

Donald duck for an hour

<https://www.youtube.com/watch?v=6XGm_CGzKn4>

Darkwing Duck theme:

<https://www.youtube.com/watch?v=YziVpa8oZDg>

Daffy comp:

<https://www.youtube.com/watch?v=2n7UgwWGUeQ>

Howard the Duck

<https://www.youtube.com/watch?v=_Y8MEAUPlZk>

Duck Tales theme:

<https://www.youtube.com/watch?v=6LMLYrXoBeE>

Count Duckula:

<https://www.youtube.com/watch?v=hifgIM0_OXw>

Duckman:

<https://www.youtube.com/watch?v=blppKS-nz9g>

Duck skeleton:

<https://etc.usf.edu/clipart/70000/70018/70018_duckwingbone.htm>

Elliot Coues *Key to North American Birds*(Boston, MA: Estes and Lauriat, 1884)

"Fig 27. - Bones of the right wing of a duck,

Clangula islandica,

A, shoulder, omos;

B, elbow, ancon;

C, wrist, carpus;

D, end of principal finger;

E, end of hand proper, metacarpus.

AB, upper arm, brachium;

BC, fore-arm, antibrachium;

CD, whole hand or pinion, manus; composed of CE,

hand proper or metacarpus, excepting d2; ED, or d2, d3, d4, fingers, digits, digiti,

h, humerus;

rd, radius;

ul, ulna;

sc, outer carpal, scapholunare or radiale;

cu, inner carpal, cuneiforme or ulnare;

these two composing wrist or carpus.

mc, the compound hand-bone or metacarpus, composed of three metacarpal bones, bearing as many digits - the outer digit seated upon a protuberance at the head of the metacarpal, the other two situated at the end of the bone.

d2, the outer or radial digit, commonly called the thumb or pollex, composed or two phalanges;

d3, the middle digit, of two phalanges;

d4, the inner or ulnar digit, of one phalanx

d2 is the seat of the feathers of the bastard wing or alula.

D to C (whole pinion), seat of the flight feathers called primaries;

C to B (fore-arm), seat of the secondaries; at B and above it in direction of A, seat of tertiaries proper; below A, in direction of B, seat of scapularis (upon pteryla humeralis), often called tertiaries.

The wing shown half-spread: complete extension would bring A B C D into a right line; in complete folding C goes to A, and D to B; all these motions nearly in the plane of the paper. The elbow-joint and wrist are such perfect hinges, that, in opening or closing the wing, C cannot sink below the paper, nor D fly up above the paper, as would otherwise be the effect of the pressure of the air upon the flight-feathers. Observe also rd and ul are two rods connecting B and C; the construction of their joining at B and C, and with each other, is such, that they can slide lengthwise a little upon each other. Now when the point C, revolving about B, approaches A in the arc of a circle, rd pushes on sc, while ul pulls back cu; the motion is transmitted to D, and makes this point approach B. conversely, in opening the wing, rd pulls back sc, and ul pushes on cu, making D recede from B. In other words, the angle A B C cannot be increased or diminished without similarly increasing or diminishing the angle B C D; so that no part of the wing can be opened or shut without automatically opening or shutting the rest..." Elliot Coues, 1884

https://etc.usf.edu/clipart/72500/72509/72509\_brdhindlimb.htm

Bird (duck, wild) hind limb

"Fig 34 - Bones of a bird's hind limb: from a duck, Clangula islandica.

A, hip:

B, knee:

C, heel or ankle-joint;

D, bases of toes.

A to B, thigh or "second joint";

B to C, crus, leg proper, "drumstick," often wrongly called "thigh";

C to D, metatarsus, foot proper, corresponding to instep, or foot from ankle to bases of toes; in descriptive ornithology the tarsus; often called "shank"

From D outward are the toes or digits.

fm. femur;

tb, tibia, principal (inner) bone of leg;

fi, fibula, lesser (outer) bone of leg;

mt, principal metatarsal bone, consisting chiefly of three fused metatarsal bones;

am, accessory metatarsal, bearing 1t, first or hind toe, with two joints;

2t second toe, with three joints;

3t, third toe, with four joints;

4t, fourth toe, with five joints.

At C there are in the embryo some small tarsal bones, not shown in the figure, uniting in part with the tibia, which is therefore a tibio-tarsus, in part with the metatarsus, which is therefore a tarso-metatarsus;

the ankle-joint being therefore between two rows of tarsal bones, not, as it appears to be, directly between tibia and metatarsus." Elliot Coues, 1884

DUCK SKULL

https://etc.usf.edu/clipart/73500/73508/73508\_duckskull.htm

"Fig 63 - Skull of a duck (Clangula islandica), nat. size; Dr. R.W. Shufeldt, U.S.A.   
a, premaxillary bone;

b, partly ossified internasal septum;

b', pervious part of nostril;

c, end of premaxillary, perforated form numerous branches of second division of the fifth cranial nerve;

d, dentary bone of under mandible;

e, groove of nerves, etc.;

f, a vacuity between dentary and other pieces of the mandible;

g, articular surface;

h, recurved "angle of the jaw;"

i, occipital protuberance;

j, vacuity in supraoccipital bone;

k, muscular impression on back of skull;

l is over the black ear-cavity;

m, post-frontal process;

n, quadrate bone;

o, pterygoid;

p, palatine;

q, quadrato-jugal;

r, jugal;

s, maxillary;

t, fronto-parietal dome of the brain-cavity; u;

u, the lacrymal bone, immense in a duck, nearly completing rim of the orbit by approaching m; v, vomer;

w, supra-orbital depression for the nasal gland;

x, cranio-facial hinge;

y, optic foramen;

z, etc. interorbital vacuities.

" Elliot Coues, 1884

Duck skull button:

<http://darwin-online.org.uk/converted/published/1868_Variation_F879.1/1868_Variation_F879.1_fig351.jpg>

Duck Wing button:

<http://www.gutenberg.org/files/43431/43431-h/images/i_321.jpg>

Duck Hind button:

<https://www.gutenberg.org/files/54487/54487-h/54487-h.htm>

http://www.stevennoble.com/v/Animals-Nature/Flying+Goose+\_001.jpg.html?g2\_imageViewsIndex=1