**THE DAILY HOWL: CYCLE #25 DAY 2 MONDAY 4/16/18 Regular Schedule!**

**DAILY HOWL**

Hemophilia = ? (describe it; what type of cross is it?)

Parents carrier X hemophiliac

Geno

Pheno

\* discussed and completed DH together

**IN CLASS**

\* DIRECT INSTRUCTION: with Miss M – checks and discussions on Fusion pages (purple paper list)

\* COLLABORATIVE: IF pedigree AND SPOT sheets are completed – meet with other peers to discuss

what they came up with and why - - THEN use the answer keys provided to check/discuss….prep

questions for Miss M (IF work is NOT completed – independently work for remainder of mod)

\* INDEPENDENT work: Metric Me; brainstorm….begin final if ready (IN PENCIL!); have ?’s ready for

Miss M! Work on any other work YOU need to do for SCIENCE!

\* EXTRA CREDIT opp; if you have specific interests in any type of genetic characteristics; traits;

disorders; technology, etc - - see Miss M to discuss your ideas and interests!

\* EXTRA CREDIT opportunity….locate a solid SCIENCE reference and bring it in….to explain

why we use the male/female symbols…. AND reminder - -- Mendel Bio!!???

\* EXTRA CREDIT OPTION: KARYOTYPE sheet (BLUE)

- - CUT one chromosome at a time from the “cut” side – pair it with it’s homologous

pair then TAPE it on the sheet next to it’s pair.

- - USE the lengths and the “bands” of color to determine pairs

- - REMEMBER…chromosomes are 3D….and they turn about….so they may be

positioned differently than their pair!

- - ON THE BACK of the sheet where you TAPE the pairs; define/describe

karyotype…what is it? What does the root part mean? What is it used for?

- - Is this a karyotype for a male or female? EXPLAIN!

\* EXTRA CREDIT OPTION: research to find out if there are sex-linked disorders that are

carried on the Y chromosome….bring the specific reference(s) you find to discuss – then we

will discuss how to complete it.

\* EXTRA CREDIT OPTION: Create a HYBRID

(HALF sheet – purple; in classroom ….can NOT post on web bc of copyright)

\*\*\* PURPLE sheet - - all of this should already be done; add missing work to planner

\*\*\* GOLD Pedigree Questions….READ directions should be done

\*\*\* Metric Me – brainstorm….IF done – pick up ORANGE sheet….begin work on FINAL!

TURN IN Brainstorm AND orange checklist AND final poster when done

**HOMEWORK/REMINDERS:**

\*\*\* See above….PREPARE for upcoming genetics/heredity assessment! ;)

\*\*\* BRING YOUR POLAR BEAR BOOK INTO CLASS!!! Put it in your MOD cabinet in the room!!

\* **HELP SESSIONS**: ask Miss M for a pass; reserve your help spot!

Homeroom (Days 2-6) MOD 6 (Days 2 & 5) MAY ask to come at lunch (10-15 min to work)

**NEXT AFTER SCHOOL SESSION: \***Students must have a signed note from parent/guardian.

\* My child (Provide first and last name) may stay after school with Miss McCallus on

***NEXT session: THURS 4/19/18***

**\*** They will be (CHOOSE: picked up by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ OR permitted to walk home)

\* I am granting permission to stay after and understand that the session is finished at 3:45