SKETCH NOTE PROJECT

1. WATCH THE SKETCH NOTE VIDEOS.
2. Work in a group to create a GIANT SKETCH NOTE on posterboard.
   ~ include the MOST IMPORTANT CONTENT to know about your topic (for review)
   ~ Use your lime green COURSE DESCRIPTION BOOK to help you
   ~ Remember Sketch noting is about MAKING CONNECTIONS, COMPARING/CONTRASTING ORGANIZING not just writing down facts.
   ~ include pictures/diagrams/Venns/charts/graphs/visual cues
   ~ organizing connections (shapes, arrows, headings, containers, etc)

TOPICS

Regulation- Anna, Riley, Izzy
- Enzyme activation/inhibitors/cooperativity
- posttranslational protein modification
- Control of Gene expression-operons, enhancers, transcription factors

Information transfer- Aubrey, Hossam, Braydon, Bella
- Central Dogma
- DNA (replication, transcription, translation)
- Kinds of RNAs (t,m,r, si, sn)
- RNA processing/alternative splicing

Genetic variation- Caitlyn, Mackenzie, Jayden, Hanna
- Mutations (types, causes)
- Meiosis (segregation, independent assortment, random fertilization)
- Horizontal gene transfer
- Recombinant DNA techniques

Matter- Kobe, August, Michelle, Tessie
- Molecules in living things
- Organelles in cells
- Types of transport

Communication -Jane, Grace, Marina, Ashley
- Cell signaling
- Quorum sensing
- Pheromones

Interactions- Charles, Nicole, Rylee, Brianna
- Protein folding
- Properties of water
- Interactions between cell organelles (ex: making & exporting insulin)

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TOPICS

Regulation- Cassie, Holly, Kylie, Ashlyn
- Enzyme activation/inhibitors/cooperativity
- posttranslational protein modification
- Control of Gene expression-operons, enhancers, transcription factors

Information transfer- Morgan. Brenden, Sam, Taelyn
- Central Dogma
- DNA (replication, transcription, translation)
- Kinds of RNAs (t,m,r, si, sn)
- RNA processing/alternative splicing

Genetic variation- Anna , Cain, Autumn, Dhwani
- Mutations (types, causes)
- Meiosis (segregation, independent assortment, random fertilization)
- Horizontal gene transfer
- Recombinant DNA techniques

Communication – Abby, Kalli, Drew, Piper
- Cell signaling
- Quorum sensing
- Pheromones

Matter-
- Molecules in living things
- Organelles in cells
- Types of transport

Interactions-
- Protein folding
- Properties of water
- Interactions between cell organelles (ex: making & exporting insulin)