REPRODUCTIVE ADAPTATIONS

by

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TIME ALLOTTED: 2 AND _ HOURS (1 BLOCK PERIOD)
MATERIALS: POWER POINT PRESENTATION, COMPUTERS, BUTCHER BLOCK PAPER, MARKERS, PAPER, WRITING UTENSIL

TIME ACTIVITY
3 MIN ASK STUDENTS TO RESPOND TO THE FOLLOWING QUESTIONS (ALREADY WRITTEN ON BOARD):
   1. WHAT IS A REPRODUCTIVE ADAPTATION?
   2. WHY WOULD AN ORGANISM NEED TO ADAPT?
2 MIN DIRECT STUDENTS TO TAKE OUT A PIECE OF PAPER AND DRAW THREE COLUMNS WITH THE FOLLOWING HEADINGS: ORGANISM, ADAPTATION, AND REASON FOR ADAPTATION.
   GIVE EXAMPLE (USE OVERHEAD FOR EXAMPLE.
   EXAMPLE: ORGANISM: BIRD, ADAPTATION: BROOD PATCH, REASON FOR ADAPTATION: EGG INCUBATION.
45 MIN POWER POINT PRESENTATION (ASK QUESTIONS PERIODICALLY TO CHECK STUDENT UNDERSTANDING)
   SUMMARIZE PRESENTATION.
10 MIN BREAK
30 MIN USING NOTES FROM POWERPOINT, BUTCHER BLOCK PAPER, AND MARKERS HAVE STUDENTS DISCUSS IN GROUPS (ALREADY ASSIGNED) AND CHART IN 2 COLUMNS, DIFFERENCES AND SIMILARITIES OF ADAPTATIONS MADE BETWEEN THE VARIOUS ORGANISMS. INFORM STUDENTS THEY WILL BE PRESENTING THEIR INFO IN THE HALF HOUR.
10 MIN GROUP PRESENTATIONS (2 MIN PER GROUP)
5 MIN BREAK (COMPUTER PREP)
40 MIN DIRECT STUDENTS TO USE THE WEB TO FIND OTHER EXAMPLES OF REPRODUCTIVE ADAPATION. EACH GROUP (SAME GROUPS FROM PREVIOUS EXERCISE) WILL NEED TO COME UP WITH 5 EXAMPLES. (1 PER STUDENT)
   DIRECT STUDENTS TO USE BUTCHER BLOCK PAPER TO ORGANIZE THE INFORMATION THEY OBTAINED OFF THE WEB.
THEY WILL BE PRESENTING THEIR INFO THE NEXT DAY OF CLASS.

5 MIN
CLASS QUESTIONS, CLEAN-UP
HOMEWORK: COMPLETE WEB ASSIGNMENT IF NOT ALREADY COMPLETED.