

3-19-14

sidebar

Photo essay explained from Apr 7-11

Apr 8. Meet @ Lost Lake

Apr 14-18 spring break

Photo essay Due Apr 23 turn in online

DNA Sequencing

DNA Lengths in Jello

Sequencing DNA - Reading order of pairs

more accurate and cheaper than the Jellomethod
electrocharges into ATCG and they all glow differently
Hubble telescope camera records the glows

Short Tandem Repeat - STR - Repeating 2 letter sequence

uses 13 sites

'counts the repeats to identify you

Each person is identifiable by 13#

Tells you who you are and that's it.

Singular Nucleotide Polymorphisms - SNP

23, 8.5 million?

Can have any of the 4 letters

what does will and will not work.

Genetic diseases

Genealogy

• lineages

• settlements and migration patterns

3-21-14

Balance an egg ~~due to equinox~~
* all year round

Chromosome and Cell Division

different types of cell division

Mitosis - asexual reproduction via binary fission

Prokaryotes

↳ Identical daughter cells

Meiosis - Sexual reproduction