2027 HEREDITY – INTERNET RESOURCES

GENERAL PRINCIPLES OF GENETICS

Learn Genetics
http://learn.genetics.utah.edu/
https://learn.genetics.utah.edu/content/basics/
DNA from the Beginning – Classic Genetics, Molecular Genetics, Genetic Organization & Control
https://www.dnaftb.org/
AP Biology Site with lots of goodies on all areas of Biology – See Section on Genetics
https://sites.google.com/a/svvsd.org/chou/welcome/ap-biology/genetics
Khan Academy – Biology Archive
https://www.khanacademy.org/science/biology
Genome Research Institute –National Institute of Health: From the Blueprint to You
http://www.genome.gov/12511466

SOLVING GENETICS PROBLEMS

Various types of Practice Problems and Key
https://www.bio.fsu.edu/~levitan/BSC2011/Mendelian%20genetics%20problems.pdf
Linkage and Genetic Mapping
http://mcb.berkeley.edu/courses/mcb140/Syllabus/AmacherLecture/Lecture5.pdf

HUMAN GENETICS

Introduction to Basic Human Genetics
https://www.gfmer.ch/SRH-Course-2013/community-genetics/pdf/Introduction-basic-human-genetics-Hamamy-2013.pdf
National Human Genome Research Institute: Homepage
http://www.genome.gov/
MedlinePlus: Help Me Understand Genetics
https://medlineplus.gov/genetics/understanding/
Human Genetic Disorders
https://www.genome.gov/For-Patients-and-Families/Genetic-Disorders
Genetic Disorders
https://learn.genetics.utah.edu/content/disorders/

MITOSIS/MEIOSIS/CELL CYCLE

https://le.ac.uk/vgec/topics/cell-cycle

MOLECULAR GENETICS

DNA Learning Center – Cold Spring Harbor Laboratory
http://www.dnalc.org/
Genetic Origins (DNA Learning Center at Cold Spring Harbor Laboratory)
https://www.geneticorigins.org/

GENOMICS

National Human Genome Research Institute: About Genomics
https://www.genome.gov/about-genomics
National Human Genome Research Institute: Introduction to Genomics
https://www.genome.gov/About-Genomics/Introduction-to-Genomics
National Human Genome Research Institute: Educational Resources
https://www.genome.gov/About-Genomics/Educational-Resources
National Human Genome Research Institute: GenomeEd Resources
https://www.genome.gov/GenomeEd/resources

TECHNOLOGY

Khan Academy: PCR
https://www.khanacademy.org/science/ap-biology/gene-expression-and-regulation/biotechnology/a/polymerase-chain-reaction-pcr