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| 3/23-3/26 |
| Teacher:Amanda Longhenry | Course: biology Zoom link: <https://sdk12.zoom.us/j/92632249688?pwd=UHpUWFlLbGp2OTdVRVZIVUw3MjFrZz09> |
| Email: Amanda.longhenry@k12.sd.us | Online Textbook: <https://sso.rumba.pk12ls.com/sso/login?profile=eb&service=https://cat.easybridge.pk12ls.com/ca/dashboard.htm&EBTenant=CSD71-SD> |
| Mission: Motivate… Educate… Empower | Vision: Provide a quality education that empowers students for success |
|  | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Content** **Standard(s)** | INSERVICE  | HS-LS1-4 Use a model to illustrate the role of cellular division (mitosis) and differentiation in producing and maintaining complex organisms. (SEP: 2; DCI: LS1.B; CCC: Systems) | HS-LS1-4 Use a model to illustrate the role of cellular division (mitosis) and differentiation in producing and maintaining complex organisms. (SEP: 2; DCI: LS1.B; CCC: Systems) | HS-LS1-4 Use a model to illustrate the role of cellular division (mitosis) and differentiation in producing and maintaining complex organisms. (SEP: 2; DCI: LS1.B; CCC: Systems) | HS-LS1-4 Use a model to illustrate the role of cellular division (mitosis) and differentiation in producing and maintaining complex organisms. (SEP: 2; DCI: LS1.B; CCC: Systems) |
| **Objective(s)** | No school | Using microscopes, Students will see stages of mitosis and identify them. | Students will be engaged in an edpuzzle and lecture as the class watches and answers questions about the video and lecture.  | Students will review the week’s content and look ahead at cancer. There will be a 20 minute test review | Mitosis Test |
| **Bellringer** |  |  |  |  |  |
| **Activity/ Lesson** | No school | Lab- mitosis stagesPlus questions to answer | Ch 10.3 Learn about Cancer and how cells divide uncontrollably | Continue learning about cancer. Review for test with Clickers | Mitosis test |
| **Homework/ Due Date** |  |  |  |  |  |
| **Additional Comments** | NONE | NONE | NONE | NONE | NONE |

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| Teacher:Amanda Longhenry | Course: Adv. Bio Zoom link <https://sdk12.zoom.us/j/92632249688?pwd=UHpUWFlLbGp2OTdVRVZIVUw3MjFrZz09> |
| Email: Amanda.longhenry@k12.sd.us | Online Textbook: <https://sso.rumba.pk12ls.com/sso/login?profile=eb&service=https://cat.easybridge.pk12ls.com/ca/dashboard.htm&EBTenant=CSD71-SD> |
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| **Content** **Standard(s)** | Inservice | HS-LS4-2 Construct an explanation based on evidence that the process of evolution primarily results from four factors: (1) the potential for a species to increase in number, (2) the heritable genetic variation of individuals in a species due to mutation and sexual reproduction, (3) competition for limited resources, and (4) the proliferation of those organisms that are better able to survive and reproduce in the environment. (SEP: 6; DCI: LS4.B, LS4.C; CCC: Cause/Effect) | HS-LS3-2 Make and defend a claim based on evidence that inheritable genetic variations may result from: (1) new genetic combinations through meiosis, (2) viable errors occurring during replication, and/or (3) mutations caused by environmental factors. (SEP: 7; DCI: LS3.B; CCC: Cause/Effect) | HS-LS3-1 Ask questions to clarify relationships about the role of DNA and chromosomes in coding the instructions for characteristic traits passed from parents to offspring. (SEP: 1; DCI: LS1.A, LS3.A; CCC: Cause/Effect) | HS-LS3-1 Ask questions to clarify relationships about the role of DNA and chromosomes in coding the instructions for characteristic traits passed from parents to offspring. (SEP: 1; DCI: LS1.A, LS3.A; CCC: Cause/Effect) |
| **Objective(s)** | No School | Students will be engaged in notetaking, learning meiosis by lecture/video/Q and A. | Students will create models of meiosis and answer multi leveled questions ranging from multiple choice to short answer/essay. | Students will be engaged in notetaking, learning about DNA, DNA replication, transcription, and dna codes. Students will be working on a webquest- using various learning sites to complete 4 tasks.  | Continued from yesterday. |
| **Bellringer** |  |  |  |  |  |
| **Activity/ Lesson** | No School | Meiosis – students will receive diagrams of meiosis with room to include notes. Students will watch a video/Q and A/ and I will lecture. Students will complete a meiosis table- telling the stage, a sketch of it, and a description of what happens during the stage. | Meiosis- Students will model meiosis using oreo cookies, sprinkles, and toothpicks, then work on evaluative questions using their notes and text book to answer.  | Students will take notes on DNA- then begin a webquest about DNA, DNA Replication, DNA codes, and transcription | Continue work on webquest.  |
| **Homework/ Due Date** |  |  |  |  |  |
| **Additional Comments** |  |  |  |  |  |
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