**Teacher Name: Robin Frask Subject: Biology 1A Start Date(s): 11/11/19 Level(s): 9/10**

**Building: HAHS End Dates(s): 11/15/19**

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| **DAILY PLAN** | | | | | | |
| **Day** | **Objective (s)** | **DOK Level** | **Activities / Teaching Strategies** | **Grouping** | **Materials / Resources** | **Assessment of Objective (s)** |
| 11/11 | All students will investigate and analyze the various patterns of inheritance using Mendelian and non-Mendelian genetics.  No School  All students will construct and analyze a Punnett square to predict genetic probability.  All students will formulate genotypes and interpret the phenotype they represent. |  | Read 2.2 & 3.4 (notes and review)  Complete practices | W  I  S | Laptops  notebooks | Formative-teacher observation,  Summative –  Student Self-Assessment- |
| 11/12 | All students will investigate and analyze the various patterns of inheritance using Mendelian and non-Mendelian genetics.  All students will construct and analyze a Punnett square to predict genetic probability.  All students will formulate genotypes and interpret the phenotype they represent. |  | Non-Mendelian Inheritance | I  W  S | Laptops  Notebooks  worksheets | Formative-teacher observation,  Summative –  Student Self-Assessment- |
| 11/13 | All students will investigate and analyze the various patterns of inheritance using Mendelian and non-Mendelian genetics.  All students will construct and analyze a Punnett square to predict genetic probability.  All students will formulate genotypes and interpret the phenotype they represent. |  | Create-an-Alien Activity | I  W  S | Worksheet  Craft supplies | Formative-teacher observation,  Summative –  Student Self-Assessment- | Design a species activity | W  S  I | Activity sheet  Pennies  Art supplies | Formative-teacher observation,  Summative-  Student Self-Assessment- |
| 11/14 | All students will investigate and analyze the various patterns of inheritance using Mendelian and non-Mendelian genetics.  All students will construct and analyze a Punnett square to predict genetic probability.  All students will formulate genotypes and interpret the phenotype they represent. |  | Dihybrids | W  I  S | Laptops  Notebooks  Worksheets | Formative-teacher observation,  Summative-  Student Self-Assessment- |
| 11/15 | All students will investigate and analyze the various patterns of inheritance using Mendelian and non-Mendelian genetics.  All students will construct and analyze a Punnett square to predict genetic probability.  All students will formulate genotypes and interpret the phenotype they represent. |  | Mid-Unit Quiz | W  I  S | Laptops | Formative-teacher observation,  Summative- Quiz  Student Self-Assessment- |