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

**Building: HAHS End Dates(s):**

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| **DAILY PLAN** | | | | | | |
| **Day** | **Objective (s)** | **DOK Level** | **Activities / Teaching Strategies** | **Grouping** | **Materials / Resources** | **Assessment of Objective (s)** |
| 11/18 | 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. |  | Dihybrid Competition | W  I  S | Notebooks  Folders  Packets  Pencils | Formative-teacher observation,  Summative –  Student Self-Assessment- |
| 11/19 | 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. |  | Beyond dominant and recessive alleles.  PPT  Practice | I  W  S | Notebooks  Folders  Packets  Pencils | Formative-teacher observation,  Summative –  Student Self-Assessment- |
| 11/20 | 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. |  | Beyond dominant and recessive alleles.  Worksheets | I  W  S | Notebooks  Folders  Packets  Pencils | 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- |
| 11/21 | 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. |  | Polygenic traits  PPT  Practice | W  I  S | Notebooks  Folders  Packets  Pencils | Formative-teacher observation,  Summative-  Student Self-Assessment- |
| 11/22 | 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. |  | Polygenic traits  Worksheets | W  I  S | Notebooks  Folders  Packets  Pencils | Formative-teacher observation,  Summative- Quiz  Student Self-Assessment- |