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

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

|  |
| --- |
| **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 | WIS | NotebooksFoldersPacketsPencils | 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.PPTPractice  | IWS | NotebooksFoldersPacketsPencils | 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  | IWS | NotebooksFoldersPacketsPencils | Formative-teacher observation, Summative –Student Self-Assessment-  | Design a species activity | WSI | Activity sheetPenniesArt 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 traitsPPTPractice  | WIS | NotebooksFoldersPacketsPencils | 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 traitsWorksheets | WIS | NotebooksFoldersPacketsPencils | Formative-teacher observation, Summative- QuizStudent Self-Assessment- |