Honors Biology

*DNA and Science Fair Calendar Part 1:*

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| Monday | Tuesday | Wednesday | Thursday | Friday | Sat | Sun |
| **January** | 1  **No school!** | 2  Welcome Back! | 3  Welcome Back! | 4  Science Fair work: Partners due. | 5 | 6 |
| 7  Note sheet on Griffith Due. Science fair research in class. | 8  Note sheet on Griffith Due. Science fair research in class. | 9  Note sheet on Avery Due. Science fair research in class. | 10  Note sheet on Avery Due. Science fair research in class. | 11  Note sheet on Hershey and Chase Due. **Review lecture** over 1st 3 experiments in class. | 12 | 13 |
| 14  **QUIZ** on 1st 3 experiments.  ***Science Fair*** *Question/ Hypothesis and justification due.* Note sheet on Chargaff Due. | 15  **QUIZ** on 1st 3 experiments.  ***Science Fair*** *Question/ Hypothesis and justification due.* Note sheet on Chargaff Due. | 16  Note sheet on Wilkins and Franklin Due.  Work on Timeline in class. | 17  Note sheet on Wilkins and Franklin Due.  Work on Timeline in class. | 18  Note sheet on Watson and Crick Due  *Method section of experiment for* ***science fair*** *due at end of class.* | 19 | 20 |
| 21  No School | 22  Photo 51 video in class.  **Should be conducting experiment at home.** | 23  Photo 51 video in class. **Should be conducting experiment at home.** | 24  **Review Lecture** over 2nd 3 experiments in class.  Timeline Due | 25  **Review Lecture** over 2nd 3 experiments in class.  Timeline Due | 26 | 27 |
| 28  Definition of DNA Structure terms sheet due.  *Begin DNA model in class.* | 29  Definition of DNA Structure terms sheet due. *Begin DNA model in class.* | 30  Crash course video note sheet due. **Review lecture over structure of DNA.** | 31  Crash course video note sheet due. **Review lecture over structure of DNA.** | **February** 1  **No School!** | 2 | 3 |
| 4  Finished model of DNA, due at end of class.  *Data analysis and Graphs due for* ***science fair.*** | 5  Finished model of DNA, due at end of class. *Data analysis and Graphs due for* ***science fair.*** | 6  Review for DNA test part 1. | 7  Review for DNA test part 1. | 8  **DNA test, Part 1.** | 9 | 10 |
| 11  *Data table*, *data analysis and graphs for* ***science fair*** *experiment due.* | 12  *Data tables, data analysis and graphs for* ***science fair*** *experiment due.* | 13 Replication note sheet due  *Class time for writing experiment conclusion* | 14 Replication note sheet due  *Class time for writing experiment conclusion* | 15  **Review lecture** over Replication in class.  Experiment conclusion due. | 16 | 17 |
| 18  **No School!** | 19  **Science Fair Project Due!** | 20  Mitosis note sheet due  Mitosis Lab in class. | 21  **Science Fair!**  Mitosis note sheet due  Mitosis Lab in class. | 22  Review lecture over mitosis  **QUIZ over replication and mitosis.** | 23 | 24 |
| 25  Transcription note sheet due.  Begin work on board game in class | 26  Transcription note sheet due.  Begin work on board game in class | 27  Translation note sheet due. Work on board game in class *due at end of class* | 28  Translation note sheet due. Work on board game in class *due at end of class* | **March** 1  Review lecture over transcription and translation | 2 | 3 |
| 4  *Review for DNA test part 2* | 5  *Review for DNA test part 2* | 6  **TEST over DNA (part 2)** | 7  **TEST over DNA (part 2)** | 8  **No School** | 9 | 10 |
| 11  **No School Spring Break** | 12  **No School Spring Break** | 13  **No School Spring Break** | 14  **No School Spring Break** | 15  **No School Spring Break** | 16 | 17 |
| 18  *Meiosis* | 19  *Meiosis* | 20  *Punnett Squares* | 21  *Punnett Squares* | 22  *Review lecture over meiosis and Punnett squares* | 23 | 24 |
| 25  *Dyhybrid Crosses* | 26  *Dyhybrid Crosses* | 27  *Pedigrees* | 28  *Pedigrees* | 29  *Genetic Diseases* | 30 | 31 |