Honors Biology

*DNA and Science Fair Calendar Part 1:*

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| Monday | Tuesday | Wednesday | Thursday | Friday | Sat | Sun |
| **January** | 1**No school!** | 2Welcome Back! | 3Welcome Back! | 4Science Fair work: Partners due. | 5 | 6 |
| 7Note sheet on Griffith Due. Science fair research in class. | 8Note sheet on Griffith Due. Science fair research in class. | 9Note sheet on Avery Due. Science fair research in class. | 10Note sheet on Avery Due. Science fair research in class. | 11Note 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.  | 16Note sheet on Wilkins and Franklin Due. Work on Timeline in class. | 17Note 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 |
| 21No School | 22Photo 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 |
| 28Definition of DNA Structure terms sheet due. *Begin DNA model in class.* | 29Definition of DNA Structure terms sheet due. *Begin DNA model in class.* | 30Crash course video note sheet due. **Review lecture over structure of DNA.** | 31Crash course video note sheet due. **Review lecture over structure of DNA.** | **February** 1**No School!** | 2 | 3 |
| 4Finished model of DNA, due at end of class.*Data analysis and Graphs due for* ***science fair.*** | 5Finished model of DNA, due at end of class. *Data analysis and Graphs due for* ***science fair.*** | 6Review for DNA test part 1. | 7Review 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!** | 20Mitosis note sheet dueMitosis Lab in class. | 21**Science Fair!**Mitosis note sheet dueMitosis Lab in class. | 22 Review lecture over mitosis**QUIZ over replication and mitosis.** | 23 | 24 |
| 25Transcription note sheet due.Begin work on board game in class | 26Transcription note sheet due.Begin work on board game in class | 27Translation note sheet due. Work on board game in class *due at end of class* | 28Translation note sheet due. Work on board game in class *due at end of class* | **March** 1Review 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 |