**Spinrad/Psychology**

**Borrowed from Mr. Schallhorn's Psychology/Brain**             Name

**Internet Search and Discover (rev. 10/13)**

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| ***Follow ALL Directions:***           *Today's exercise is designed to take your through some excellent sites about the brain and help you review and understand the ideas for the unit.*           *Complete each section before moving on to the next one.* |

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| **Site 1: The Teenage Brain: Why We Sleep** [**http://www.pbs.org/wgbh/pages/frontline/shows/teenbrain/from/sleep.html**](http://www.pbs.org/wgbh/pages/frontline/shows/teenbrain/from/sleep.html)  This linkexamines why teens sleep so differently than other people.  Read the first several sections and explain what the research says about teens and sleep. |

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| **Site 2: The Brain in 3-D Form**-- <http://www.g2conline.org/> --once here, look to the right and view the 3-D brain section  This link shows the brain in 3-Dimensional form.  Play with the simulation to get a feel for the brain and how parts relate to one another.  Do this and read the descriptions at the right of the page.  Spend about five minutes doing this.  Name three things you learned about the brain by using this tool.  1.  2.  3. |

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| Site 3: Brain Scans—<http://www.pbs.org/wnet/brain/scanning/index.html>  This link explains in detail and great color just how science can scan the brain. What does each do and HOW does it achieve its measurement of the brain.   |  |  | | --- | --- | | **EEG** | **CAT** | | **PET** | **MEG** | | **fMRI/MRI** | | |

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| **Site 4: Brains in the News--**[**http://faculty.washington.edu/chudler/inthenews.html**](http://faculty.washington.edu/chudler/inthenews.html)  [Neuroscience for Kids](http://faculty.washington.edu/chudler/inthenews.html)--in the News  Choose one of the articles and give a four-six sentence summary of its contents. |

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| **Site 5: Brain Games**  [Neuroscience for Kids](http://faculty.washington.edu/chudler/chgames.html)--Neuroscience Games  Choose a game that is for kids in high school. Play it and report back as to what you learned from it. |

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| **Site 6: Topic of Your Choice**  Scan the article titles on this page. Make a list of topics  (at least 8x) the magazine is currently offering.  <http://www.sciam.com/sciammind/> |

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| **Site 7: Medical News Today Article—**Search this site for articles dealing with the brain (easy search box at the top).  Choose and article.  Choose one and create a mini-report (summarize in 4-6 sentences on the article topics about which you read).  <http://www.medicalnewstoday.com/> |

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| **Site 8: Sheep Brain Dissection**  <http://www.exploratorium.edu/memory/braindissection/index.html>  This link takes you through the dissection of a sheep brain and the connection to that of a human brain.  Please take key notes (at least 8) that are important to understand the brain. |

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| **Site 9: Society for Neuroscience:** <http://www.sfn.org/index.aspx?pagename=brainfacts>  Take a look at the page.  Choose one of the topics under “main page.”  Read that section and summarize it here. |

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| **Optical Illusions Sites**  Go to the following links and experience the world of optical illusions. What do you see—what illusions grab your attention and why  <http://www.grand-illusions.com/>  1.  2.  3.  What is happening to you when you view these illusions?  What is your reaction to it?  <http://www.youramazingbrain.org/supersenses/illusions.htm> |