Jacob Neils Week of Apr. 20 – 24 Science 8 **ONLINE** **ALL ASSIGNMENTS ARE DUE BY FRIDAY 5PM**

**Monday:** Complete Ch. 16 Lesson 1 Online Quiz; read Ch. 16 Lesson 2 and complete a vocabulary (7 words) assignment of your choice. (flashcards, write words & definitions 5 times each, draw a picture to represent each term, etc.); watch Human Ear – McGraw Hill.

**Tuesday:** Watch Doppler Effect – Alt Shift X; watch 0dB-150dB Average Noise Measurement – Decibels Animation; watch Sound: Wavelength, Frequency, Amplitude – Science Sauce; complete Ch. 16 Lesson 2 Key Concept Builder.

**Wednesday:** Complete Ch. 16 Lesson 2 Online Quiz; read Ch. 16 Lesson 3 and complete a vocabulary (7 words) assignment of your choice. (flashcards, write words & definitions 5 times each, draw a picture to represent each term, etc.)

**Thursday:** Watch Interference Demo: Speakers – Physics Demo; watch Resonance – George Panagiotakopoulos; watch How Sonar Works – Mentor Animations; complete Ch. 16 Lesson 3 Math Practice.

**Friday:** Watch How Ultrasound Works – NIBIB gov; watch Mystery of Elephant Infrasound Revealed – BBC; complete Ch. 16 Lesson 3 Online Quiz. Wish your teacher a happy 24th birthday (but not in the class stream or the social discussion board; let’s see how many of you actually see this).

Jacob Neils Week of Apr. 20 – 24 Science 8 **PACKET** **ALL ASSIGNMENTS ARE DUE FRIDAY**

**Monday:** Complete Ch. 16 Lesson 1 Quiz; read Ch. 16 Lesson 2 and complete a vocabulary (7 words) assignment of your choice. (flashcards, write words & definitions 5 times each, draw a picture to represent each term, etc.); attempt Launch Lab on p.573 if you have supplies (clay is just to hold the candle, any holder will work).

**Tuesday:** Watch Doppler Effect – Alt Shift X; watch 0dB-150dB Average Noise Measurement – Decibels Animation; watch Sound: Wavelength, Frequency, Amplitude – Science Sauce; complete Ch. 16 Lesson 2 Key Concept Builder.

**Wednesday:** Complete Ch. 16 Lesson 2 Quiz; read Ch. 16 Lesson 3 and complete a vocabulary (7 words) assignment of your choice. (flashcards, write words & definitions 5 times each, draw a picture to represent each term, etc.); attempt Launch Lab p.583 (any timer that makes noise will work).

**Thursday:** Watch Interference Demo: Speakers – Physics Demo; watch Resonance – George Panagiotakopoulos; watch How Sonar Works – Mentor Animations; complete Ch. 16 Lesson 3 Content Practice B.

**Friday:** Watch How Ultrasound Works – NIBIB gov; watch Mystery of Elephant Infrasound Revealed – BBC; complete Ch. 16 Lesson 3 Quiz.