

SC-45	Carlisle High School	12 - Mr. Barrick	Kaufman, Erik	Senior - Physics	Safe and Sound; Studying Distance and Noise Reduction	1
SC-03	Carlisle High School	9 - Mrs. Tritt	Alagic, Adnan	Senior - Chemistry	How does temperature affect the elasticity of different types of rubber bands?	1
SC-13	Carlisle High School	12 - Mr. Barrick	Brehm, Zachary	Senior - Physics	Examining the Insulative Properties of Polymer Constructions	1
SC-25	Carlisle High School	12 - Mr. Barrick	Day, Rachel	Senior - Biology	pHun with Plants: The Effects of pH on Plant Growth	1
SC-27	Carlisle High School	12 - Mr. Barrick	Dworak, Kaitlyn	Senior - Earth Science	Cumberland County Soil Comparison	1
SC-28	Carlisle High School	12 - Mr. Barrick	Edwards, Forest	Senior - Earth Science	Examining the Insular Properties of Fabric and Plastic Row Covers	1
SC-30	Carlisle High School	9 - Mr. Wilkinson	Eppley, Madeline	Senior - Biology	Optimizing Bacterial Transformation Efficiency	1
SC-33	Carlisle High School	12 - Mr. Barrick	Fischbach, Danyon	Senior - Biology	The Effects of Freezing on the Height of Bean Plants	1
SC-34	Carlisle High School	9 - Mrs. Norcross	Fox, Allison Zukowski, Emily	Senior - Chemistry	Which acid reducer is the most effective?	1
SC-40	Carlisle High School	12 - Mr. Barrick	Hietsch, Benjamin	Senior - Physics	Due For A Tune Up	1
SC-46	Carlisle High School	9 - Mrs. Tritt	Kennaly, Erin Benson, Brianna	Senior - Biology	Greywaters effect on earthworms.	1
SC-52	Carlisle High School	12 - Mr. Barrick	Lopez , Leanza	Senior - Biology	Awestruck Algae; Examining Whether Common Pond Algae Remedies Can Stunt River Algae Growth	1
SC-64	Carlisle High School	9 - Mrs. Tritt	Smith, Sarah Moffatt, Sophia	Senior - Earth Science	Using Daphnia to Monitor Water Sediments	1
SC-67	Carlisle High School	9 - Mrs. Tritt	Stoner, Brooke	Senior - Biology	Which part of the black walnut tree contains the highest concentrations of allelopathic substances?	1
SC-74	Carlisle High School	12 - Mr. Barrick	Wise, Kyle	Senior - Biology	D-Netting Vs. Leaf Bagging; Which Macro-Invertebrate Collection Method is the Most Accurate?	1
SC-75	Carlisle High School	9 - Mrs. Tritt	Wise, Derek	Senior - Math/Computer	Computer Cores Vs. Run Time	1
SC-76	Carlisle High School	12 - Mr. Barrick	Wuestner, Michael	Senior - Physics	Helmets and Safety	1
SC-04	Carlisle High School	12 - Mr. Barrick	Amsley, Drew	Senior - Physics	Mouth Guards and Safety	2
SC-16	Carlisle High School	9 - Mrs. Norcross	Checkett, Aidan Bergsten, Anders	Senior - Behavioral	Measuring the Cumulative Effects of the Actions of Others on Risk/Reward Analysis	2
SC-23	Carlisle High School	12 - Mr. Barrick	Dailey, Sean	Senior - Biology	The Bacterial Analysis of Local Education Facilities	2

SC-26	Carlisle High School	9 - Mrs. Norcross	Duncan, Heather	Senior - Biology	Chopstick Toxity	2
SC-31	Carlisle High School	9 - Mrs. Norcross	Estes , Jeff Echevarria, Matt	Senior - Earth Science	Salinity Affecting Erosion	2
SC-36	Carlisle High School	12 - Mr. Barrick	Fuller, Matthew	Senior - Physics	How To Fix a Slice	2
SC-43	Carlisle High School	9 - Mrs. Norcross	Junga, Amy Bixby, Fran	Senior - Earth Science	Weather Affects Light Pollution	2
SC-48	Carlisle High School	9 - Mrs. Tritt	Kulp, Sarah	Senior - Physics	Common Natural Materials Ability to Soundproof	2
SC-50	Carlisle High School	12 - Mr. Barrick	Loose, Cameron	Senior - Physics	Study of the Coefficient of Friction of Volleyball Shoes	2
SC-56	Carlisle High School	10 - Mrs. Savage	Nord, Matthew	Senior - Physics	How do the surface characteristics of an airfoil affect the drag and lift.	2
SC-57	Carlisle High School	9 - Mrs. Tritt	Otto, Zack	Senior - Chemistry	Fabric Softener on Flammability	2
SC-58	Carlisle High School	9 - Mrs. Norcross	Petrnak, Bethany	Senior - Biology	Sugar's Effectiveness as a Preservative	2
SC-59	Carlisle High School	9 - Mrs. Tritt	Præstgaard, Matthew	Senior - Physics	Turning Up the Heat!/ How does an increase of temperature affect the conductivity of iron?	2
SC-60	Carlisle High School	12 - Mr. Barrick	Quattrone, Megan	Senior - Biology	Exercise and Vital Lung Capacity	2
SC-65	Carlisle High School	9 - Mrs. Norcross	Starling, Madeline	Senior - Physics	Weather Affect on Softball Distances	2
SC-66	Carlisle High School	9 - Mrs. Norcross	Stephens, Emma	Senior - Earth Science	No Till Soil v. Tilled Soil	2
SC-68	Carlisle High School	12 - Mr. Barrick	Stoup, Jolyne	Senior - Physics	Best Spike?	2
SC-69	Carlisle High School	9 - Mrs. Norcross	Sweeder, Devon	Senior - Biology	Fruit: Nutrition vs. Density	2
SC-71	Carlisle High School	12 - Mr. Barrick	Verderame, Vincent	Senior - Physics	Ballista	2
SC-72	Carlisle High School	9 - Mrs. Norcross	Walters, Abigail Neslund, Allison	Senior - Physics	Type of Field Hockey Ball in Relation to Speed	2
SC-77	Carlisle High School	12 - Mr. Barrick	Yang, Yujin	Senior - Math/Computer	Peltier Tile Trials: The Most Efficient Temperature Settings	2
SC-01	Carlisle High School	9 - Mrs. Norcross	Adair, Meredith	Senior - Biology	Effects of Hand Sanitizer on Bacterial Growth	3
SC-07	Carlisle High School	9 - Mrs. Tritt	Bechtel, Evan	Senior - Chemistry	Oil-Based Diesel: A Comprehensive Study of the Efficiency and Energy Content of Various Biodiesels	3
SC-11	Carlisle High School	9 - Mrs. Norcross	Borden, Riley Grace	Senior - Earth Science	The Effect of Zinc Spray on Fruit Tree Trunks on Fungi Growth	3

SC-12	Carlisle High School	10 - Mrs. Savage	Bowser, Scott Bowser, Brian	Senior - Biology	The Effect of Acid Rain on Plant Growth	3
SC-14	Carlisle High School	9 - Mrs. Tritt	Brown, Alethea McCreary, Elizabeth	Senior - Physics	The preformance of softball bats	3
SC-15	Carlisle High School	9 - Mrs. Norcross	Centobene, Joseph Richwine, Josh	Senior - Physics	Baseball Bounce	3
SC-17	Carlisle High School	12 - Mr. Barrick	Chirico, Noah	Senior - Earth Science	Acid Rain Neutralization: A Study of Natural Bases and Their Effect on the Impact of Acid Rain	3
SC-18	Carlisle High School	12 - Mr. Barrick	Ciocca, Karina	Senior - Earth Science	Elemental Analysis of Micrometeorites	3
SC-20	Carlisle High School	12 - Mr. Barrick	Clippinger, Breanne	Senior - Biology	Spritely Sprouts: Ideal Growing Conditions for Mung Bean Sprouts	3
SC-22	Carlisle High School	9 - Mrs. Norcross	conde, sophia	Senior - Biology	Which Web is the Strongest?	3
SC-24	Carlisle High School	9 - Mrs. Tritt	Daugherty, Jaxon	Senior - Chemistry	Phthalate Testing in Plastic Water Bottles	3
SC-29	Carlisle High School	9 - Mrs. Tritt	Ely, Morgan	Senior - Chemistry	What are the nutrient, mineral and chemical differences between bottled, city and tap water?	3
SC-32	Carlisle High School	9 - Mrs. Norcross	Fetter, Brianna	Senior - Biology	The Effect of Salt on Plant Growth	3
SC-35	Carlisle High School	10 - Mrs. Norcross	Frizzell, Sophia	Senior - Biology	The Affects of Grey Water on Plant Growth	3
SC-37	Carlisle High School	9 - Mrs. Norcross	Guarino, Kylee Greenberg, MaryAnne	Senior - Biology	Electrolyte Challenge	3
SC-42	Carlisle High School	9 - Mrs. Norcross	Junga, Katrina Bramble, Peyton	Senior - Biology	Microwave Radiation's Affect on Plant Germination and Growth	3
SC-47	Carlisle High School	9 - Mrs. Norcross	Kim, Gloria Jones, Autumn	Senior - Biology	Are low fat potato chips really low fat?	3
SC-49	Carlisle High School	9 - Mrs. Norcross	Lewis, Emily	Senior - Chemistry	Vitamin C Content in Organic and Inorganic Produce	3
SC-51	Carlisle High School	9 - Mrs. Norcross	Loose, Zane Smyers, Nathan	Senior - Chemistry	Salty Electrolytes	3
SC-53	Carlisle High School	9 - Mrs. Norcross	McMurdy, Kelly Fuller, Alexis	Senior - Behavioral	Tests While Chewing	3
SC-54	Carlisle High School	9 - Mrs. Norcross	Medina, Abigail Swahlon, Sarah	Senior - Chemistry	Which Lotion Retains the Most Moisture?	3
SC-62	Carlisle High School	9 - Mrs. Tritt	Slear, Hunter	Senior - Behavioral	What types of essential oils attract raccoons the best?	3
SC-70	Carlisle High School	9 - Mrs. Norcross	Trang, Kelvin Gordon, Darrien	Senior - Physics	Which type of golf ball has the most air inside the core?	3

SC-73	Carlisle High School	9 - Mrs. Norcross	Weigle, Ashlee Shughart, Lindsey	Senior - Physics	Energy Transfer Through a Pendulum	3
SC-02	Carlisle High School	9 - Mrs. Tritt	Adams, Jeremy	Senior - Biology	Soil Ecology	HM
SC-05	Carlisle High School	9 - Mrs. Tritt	August, Brooke Renninger, Rachelle	Senior - Chemistry	Proteins Denaturing: do proteins denature at the same temperture?	HM
SC-06	Carlisle High School	11 - Mrs. Savage	Avdic , Sehad	Senior - Chemistry	Which type of soil conducts electricity the best?	HM
SC-08	Carlisle High School	12 - Mr. Barrick	Begic, Abdel	Senior - Math/Computer	Tetris and The Mind	HM
SC-10	Carlisle High School	12 - Mr. Barrick	Bonsall, Zackariah	Senior - Math/Computer	Effects of heat on the performance of a computer processor	HM
SC-19	Carlisle High School	9 - Mrs. Tritt	Clemmons, Daniel	Senior - Biology	Insect BioBlitz at the Dickinson College Farm	HM
SC-21	Carlisle High School	9 - Mrs. Norcross	Closs, Allison Poznick, Emma	Senior - Earth Science	What is the result of warm water masses and cold water masses colliding?	HM
SC-38	Carlisle High School	9 - Mrs. Norcross	haney, wyatt	Senior - Biology	the affects of music on blood pressure	HM
SC-39	Carlisle High School	10 - Mrs. Norcross	Hickey, Michael Berg, CJ	Senior - Physics	Holding the Tension	HM
SC-41	Carlisle High School	11 - Mr. Spicer	Jumper, McKayla	Senior - Behavioral	Chewing Gum and Concentration	HM
SC-44	Carlisle High School	10 - Mrs. Savage	Karacic, Christina	Senior - Behavioral	Are you the problem?	HM
SC-55	Carlisle High School	9 - Mrs. Norcross	Michnowicz, Caleigh	Senior - Biology	What Preserves Plants and keeps them the Freshest?	HM
SC-63	Carlisle High School	9 - Mrs. Tritt	Smith, Ozlyn	Senior - Physics	Variable Magnetic Linear Accelerator	HM
SC-09	Carlisle High School	9 - Mrs. Norcross	Blacksmith, Gary Hanks, Rob	Senior - Physics	Chords and it's frequencies	P