

Course: 4th GRADE SCIENCE

Grading Period	Standards	Activities	Assessment
3 rd	4.1.1, 4.1.2, 4.2.5	Radish seeds planted in; placed in different locations	Class observation
1-6	4.1.3 ,4.1.7, 4.2.6, 4.2.7	Discussion of scientific articles in newspapers and Weekly Readers; internet research	Class discussions Compare/Contrast paragraphs Power point presentations
5 th	4.1.4	Planet, moon, star studies; Galileo with the telescope, Newton with gravity theories, early people's names for constellations; Video of moon landing; planetarium visit	Worksheets Class discussion
1-6	4.1.5, 4.1.6, 4.1.8 4.3.2 , 4.4.1	Class work throughout year in math, science, and health; Rube Goldberg research; models of weather instruments; transportation advancements; cheek cells under microscope	Measuring with ruler, yardstick Check cells with microscope Rube Goldbergs and models
1-6	4.1.9	Earth Day activities – read articles, class discussion, posters, 3-2-1 Contact video Worm presentation by West Central Recycling	Professional judgment Poster completion Worksheet on video Class observations
4 th	4.2.1, 4.2.2	Group and individual work with connecting cubes, balances, rulers and clocks	Written results; Math Lessons Professional judgment
1-6	4.2.3, 4.2.5 4.6.1, 4.6.2	Series circuits; parallel circuits labs; eggs in different solutions lab; Rube Goldberg inventions	Teacher observation Bell or light response Written results of lab
4 th	4.2.4	Research life of someone and create time lines; math problems With money and comparison of numbers	Completed time line and worksheets
3 rd	4.3.1, 4.3.8, 4.3.9	Activities with revolution of moon around earth and sun; planetarium visit; model of solar system; shadow checks on playground	Worksheets Moon phases flip book Professional judgment