

Bailey's Elementary School and the U.S. Forest Service Partnership

Calendar

Summer 2008

6/26/08	Meeting @ Forest Service
7/2/08	Meet with interns @ Bailey's
7/14	Meet with FS reps @ Bailey's
7/28 – 8/1	Summer School Week 1
8/4 – 8/8	Summer School Week 2
8/11 – 8/15	Summer School Week 3

Science Kits/Curriculum

Summer School Program
1 – “Your Story, My Story”
2 – Cycles (Planting & Farmer's Market)
3 – “What We Do Today Impacts Our Future
4 & 5 – Patterns (Natural & Manmade Cycles)

Goals

<ul style="list-style-type: none">• Partnership Team Meeting• Finalize agreement• Approve preliminary calendar• Work w/ interns• Start FCPS approval process for outdoor learning center• Hire Outdoor Education Specialist for 2008/2009• Relocate beds and pour cement foundation

First Quarter

9/2/08	School Begins
TBA	Partnership Team Meeting
10/13/08	Columbus Day Holiday
10/31/08	1 st Quarter Ends

Kits/Curriculum

K – Exploring Our World (colors/shapes, Autumn, pumpkins)
1 – Learning Through Nature (seasonal signs, weather, harvesting seeds, fall)
2 – Animals & Their Environments (life needs, crickets/invertebrates, bug hunt)
3 – Rocks, Mineral, Soils (outdoor excursions, erosion, watershed, conservation & pollution)
4 – Fast Plants (Indoor and outdoor plant experiments, independent/dependent variables, acid rain, native vs alien plants)
5 – Landforms (rocks & minerals, fossils, plate tectonics, weathering & erosion)

Goals

<ul style="list-style-type: none">• Partnership Team Meeting (kick-off to include Bailey's Science Support Team, discuss mission & brainstorm slogans)• Have visiting USFS specialists to support grades 3 & 5• Initiate class to class communication with Munford• Install outdoor education structure (cargo container)
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Second Quarter

11/3 -4/08	Student Holidays
11/27 – 28/08	Thanksgiving Break
12/24 /08 – 1/2/09	Winter Break
1/19/09	MLKJr. Holiday
1/20/09	Inauguration Day Holiday
1/23/09	2 nd Quarter Ends

Kits/Curriculum

K – Exploring Our World (5 senses, winter and squirrels)

1 – Learning Through Nature (plant Journey North tulip garden, seasonal signs of winter)

2 – Animals & Their Environments animal characteristics, food chains, heat & temperature, habitats – forest)

3 – Our Changing Earth (cycles and patterns – sunrise/sunset, weather, rotation/revolution & seasons/day-night, shadow study)

4 – Weather (learning then daily reading of weather station instruments, climate)

5 – Micro to Macro (matter, cell structures, classification, study of microscopic creatures in our courtyard pond)

Goals

- Partnership Team Meeting (Adopt slogan & approve mission statement)
- Provide first display for US FS building
- Bailey’s teacher & video team shadow USFS scientist in the field
- Visiting USFS specialists to support grades 2 & 4
- Ongoing class to class communication with Munford
- Solar roof installation on outdoor education structure

Third Quarter

1/26/09 – 1/27/09	Student Holidays
2/16/09	President's Day Holiday
4/2/09	3 rd Quarter Ends

Kits/Curriculum

K – Exploring Our World (magnets, sink and float, spring)

1 – Learning Through Nature (narcissus bulbs, worms/composting, salad garden planting, signs of spring (tree buds/foilage)

2 – Animals & Their Environments (habitats – desert & wetlands, weathering & erosion)

3 – Making Work Easier (simple machines, visit to Colvin Run Mill)

4 – Magnetism & Electricity (magnetic fields, electromagnets) & (characteristics, circuits, conductors/insulators)

5 – Light & Sound (characteristics, properties)

Goals

- Partnership Team Meeting (Plan Family Science Night, discuss teacher recognition program)
- Provide 2nd display for USFS building
- Visiting USFS specialists to support grades K & 1
- Ongoing class to class communication with Munford
- Green roof installation on outdoor education structure

Fourth Quarter

4/3/09	Student Holiday
4/6 – 4/10/09	Spring Break
5/25/09	Memorial Day Holiday
6/18/09	Last Day of School

Kits/Curriculum

K – Exploring Our World (ants, summer & recycling)

1 – Learning Through Nature (salad garden harvesting, recycling/natural resources)

2 – Physics of Toys (simple machines and force)

3 – Butterflies (Painted Ladies, Monarch migration; other cycles such as silkworms & tadpoles)

4 – Ecosystems (new unit)

5 – Oceans (ocean floor, salinity, currents, biological characteristics, marine food web)

Goals

- Partnership Team Meeting (Finalize Family Science Night, plan for summer)
- Bailey's teacher & video team shadow USFS scientist in the field
- Wrap-up class to class communication with Munford
- Family Science Night (projects travel to USFS bldg. for display over summer)