

Babylon Union Free School District

Steven Goldberg
Principal

Linda J. Rozzi
Superintendent of Schools

Memorial Grade School
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February 27, 2018

Dear Parents and Guardians:

After several weeks of learning specific dance routines, your child is ready to perform. We would like to invite you to our Circle of Dance performance, which will be held in the gym at the Grade School on the following dates:

Monday, March 12th at 10:00 a.m.

Classes: Mrs. Prass, Mr. Rossi, Ms. Murphy, Mrs. Pesce and Mrs. Mellilo

Tuesday, March 6th at 9:15 a.m.

Classes: Mrs. Scalfani, Mrs. Lang, Mrs. Ratto, Ms. Arcoleo, Mr. Torody

Wednesday, March 14th at 9:15 a.m.

Classes: Mr. Jankow, Ms. O'Connor, Mrs. Hendrickson and Ms. Necroto

Thursday, March 29th at 9:15 a.m.

Classes: Mr. Singleton, Ms. Mueller, Ms. Kennedy and Mr. Fasciani

Each performance should be 45 minutes to one hour. We look forward to seeing you and celebrating our Circle of Dance program at the Grade School.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Steve Goldberg', is written over the printed name.

Steve Goldberg

SG/lmm

BMGS SCIENCE FAIR



MARCH 22, 2018

Projects Due: 8:30 a.m. | Judging: 9:00 a.m. - 2:00 p.m. | Exhibition: 7:00 p.m. - 8:30 p.m.

Thank you for your interest in this year's Science Fair. Science Fair offers students the chance to think and work independently, develop and refine their individual science interests, and engage in critical thinking.

New! To encourage more student collaboration, Science Fair is now open for group projects as experiments or demonstrations. Groups may have max three students, must be in the same grade and will not qualify to advance to BNL Finals.

As a parent you can support your child by:

- Reviewing this packet with them & helping them select a feasible project
- Helping find materials for the project (research sources, supplies, display materials)
- Offering support and assistance but encouraging independent and regular work on the project.

SCIENCE FAIR CATEGORIES

- I. Experiments - Individual
- II. Experiments - Group
- III. Demonstrations - Individual
- IV. Demonstrations - Group

What is the Difference Between an Experiment and a Demonstration?

A scientific demonstration is an explanation of a process that is illustrated through an example, which serves as proof or evidence of the scientific principles at work. In other words, a **scientific demonstration allows the student to see the principles of science firsthand.**

A scientific experiment is a test or trial done for the purpose of discovering something unknown or validating a theoretical principle. **Experiments always follow a pattern of discovery known as the scientific method.**

All experiments and demonstrations will be judged but only Category I will qualify to advance to BNL Finals

HOW TO ENTER

Complete attached entry form & paperclip it to the **BACK** of the finished project.

For anonymity during judging **please do not put your name or photos of yourself anywhere on the project display board.** We assign each project a number upon arrival.

Entries due by THURS, March 22 by 9:00 a.m. at Babylon Memorial Grade School.

One winner from each grade will represent our school in The Brookhaven National Laboratory (BNL) Elementary School Science Fair, which will be held on Saturday, May 5th.

If you have any questions, please contact Cynthia Roberts at chileseas@aol.com.



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PROJECT REQUIREMENTS

- All projects must be durable and safe. Moveable parts must be firmly attached.
- There will be no facilities or outlets provided for electricity, running water, drainage, gas or compressed air. Dangerous chemicals, open flames, and explosives may not be exhibited.
- Live animals may be a part of your experiment but may not be harmed in any way. Live animals cannot be exhibited at the Science Fair, but photographs are acceptable.
- Any project deemed to be unsafe or inhumane in any way will not be displayed at the Science Fair and will not be judged.
- Projects must follow the scientific method.
- Tabletop projects max size: 18" deep (front to back) x 32" wide (side to side) x 3' above table surface. Floor displays max size: 30" deep (front to back) by 48" wide (side to side) and no higher than 5'. Both tabletop and floor displays must be freestanding and stable. Absolutely no backing or rear display board of any kind will be provided. It is suggested, but not required, that entrants construct displays like a miniature stage with three sides.

HOW TO CONDUCT A DEMONSTRATION PROJECT

Students may present a demonstration of a scientific concept instead of performing a scientific experiment. The process of presenting a demonstration can be broken down into the following steps:

1. **Select A Topic.** You should choose an area of science that is of interest to you.
2. **Gather Background Information.** Check the library, talk to your teacher or someone who knows about your field of interest, and search the internet for additional information. Your final project should include a summary of the info you have collected, with all your references cited.
3. **Plan Your Demonstration.** A student can make a working model of a scientific phenomenon, such as a volcano, a tornado, or the solar system. He or she can make a visual model that explains his topic, such as the Food Pyramid. He or she can display examples or samples of things that illustrate a scientific phenomena or principle, for example: types of clouds; molecular models.
4. **List References.** You must list any references you used when researching your project. This can include books, people, magazine articles, the internet.
5. **Present your Project.** Your science project should be presented as a visual display of your entire investigation. We are not expecting a formal written report. We strongly recommend, however, that you submit a short summary (Abstract) of your project. This may be useful to the judges.



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HOW TO CONDUCT A SCIENCE EXPERIMENT

The process of investigation can be broken down into the following steps:

1. **Select A Topic.** Choose an area of science that interests you.
2. **Gather Background information.** Check the library, talk to your teacher or someone who knows about your field of interest, and search the internet for additional information. Your final project should include a summary of the info you have collected, with all your references cited.
3. **Plan an Experiment** Keep these questions in mind when you are designing the experiment:
 - a. Does your purpose clarify your title?
 - b. Are your variables measurable?
 - c. What kind of controls will you include?
 - d. What data (observations and measurements) will be collected?
 - e. Are the materials and equipment readily and cheaply available?

When planning your experiment, remember to keep everything the same except the single *variable* being tested. A *variable is something* that can be changed in the experiment. It is what you are testing. Everything else must be the same. Only one -variable or condition can be altered or changed. A *control* group should be used when performing an experiment. The *control* group receives the same attention as the test groups, however, it will not be influenced by the variable that the other groups are testing.

4. **State Your Problem.** This should be in the form of a question. For example, "Why is the sky blue?"
5. **Make Your Hypothesis.** The hypothesis is an educated guess of what you expect to happen as a result of the investigation. To state the hypothesis, simply change the question in the problem into a statement. If your hypothesis ends up being wrong, this doesn't mean your project was unsuccessful.
6. **Conduct the Experiment and Collect Data.** Record your data in a notebook. Do so immediately, completely, and accurately. (It's better to record too much data than not enough.) Record other observations as well. For example: draw sketches; describe the progress; Were there any surprises? You should perform several trials of your experiment to confirm your results.
7. **Organize and Report the Results.** Most data involve numbers so you can organize it using graphs, tables, charts and/ or statistics. Remember this is the portion of the research on which you will base your conclusions. The clearer the data is presented, the easier it will be to formulate conclusions.
8. **Analyze and Discuss the Results.** Look for patterns, relationships and correlations in your data. What do they mean? How should they be interpreted?
9. **Formulate Conclusions.** Was your hypothesis correct? This step must tell what you learned from doing the project. Conclusion statements must be supported by the data you collected, and related directly to your purpose and hypothesis.
10. **List References.** You must list any references you used when researching your project. This can include books, people, magazine articles, the Internet.
11. **Present your Project** Your science project should be presented as a visual display of your entire investigation. We are not expecting a formal written report We recommend, however, that you submit a short summary (Abstract) of your project This may be useful to the judges.



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JUDGING

- Projects will be judged initially on the afternoon of March 22. Students will not be present during judging. Any project having moving parts must either run continuously or have a “start” mechanism that can be easily activated by a judge.
- At that point, Honorable Mentions, Excellence in Demonstrations, and five finalists from each grade in the Scientific Experiment category will be chosen.
- During school the following day (March 23), all finalists in the Scientific Experiment category will be called down to meet individually with the judges on the stage for an informal question and answer interview.
- After the interviews have been concluded, the First, Second, and Third place winners in each grade will be announced. First place winners go on to represent our school and compete at the The Brookhaven National Laboratory (BNL) Elementary School Science Fair, which will be held on Saturday, May 5.
- Please see the Judges' Rubric for criteria that will be used in judging the projects. The scientific method is a pattern of inquiry that forms a structure for advancing scientific understanding. The process: identify a problem, form a hypothesis, design and conduct an experiment, collect data, analyze results, and form a conclusion. Scientists, using this approach, have answered questions ranging from the simplest to the most complex.
- **Any project that does not meet these requirements will not be considered for awards.**
- **All decisions of the judges are final.**



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JUDGES' RUBRIC
BNL Elementary School Science Fair

Criteria	4	3	2	1
Originality of Question	Original research.	Unique perspective on a traditional project.	Embellish an existing idea.	No originality.
Hypothesis	Thoroughly developed with "I think...because...."	Sufficiently developed.	Partially developed.	Major flaws.
Procedures/ Organization	Easy to follow sequence of the Scientific Method. Dated sequence of entire process captured by the student in a log or journal. This includes all observations, data collection, and changes to project.	Easy to follow sequence of the Scientific Method. Dated sequence of entire process captured by the student in a log or journal with moderate detail.	Somewhat difficult to follow because of lapses of the sequence of the Scientific Method. Minimal documentation included in a log or journal.	Difficult to follow; no sequence of the Scientific Method. No data collection shown.
Investigation Trials	Experiment was performed more than 2 times and/or sample size was exceptional.	Experiment was performed 2 times and/or sample size was adequate.	Experiment was performed 1 time and/or sample size was minimal.	Experiment was performed incompletely.
Analysis	Data is clearly presented and directly relates to hypothesis/question.	Data is reasonably presented and shows good relationship to hypothesis/question.	Data is minimally presented and shows some relationship to hypothesis/question.	Data is not presented and no relationship to hypothesis/question is evident.
Evaluation/ Conclusion	A logical conclusion has been drawn from the data collected, and answers the hypothesis/question and/or raises a new hypothesis/question. Has real world application.	A logical conclusion has been drawn from the data collected.	A fairly reasonable conclusion has been drawn from the data collected.	The conclusion drawn is not shown to relate to the data collected.
Presentation (Overall Impression)				

*Scientific Method: question, hypothesis, investigation/testing, analysis, and evaluation/conclusion.

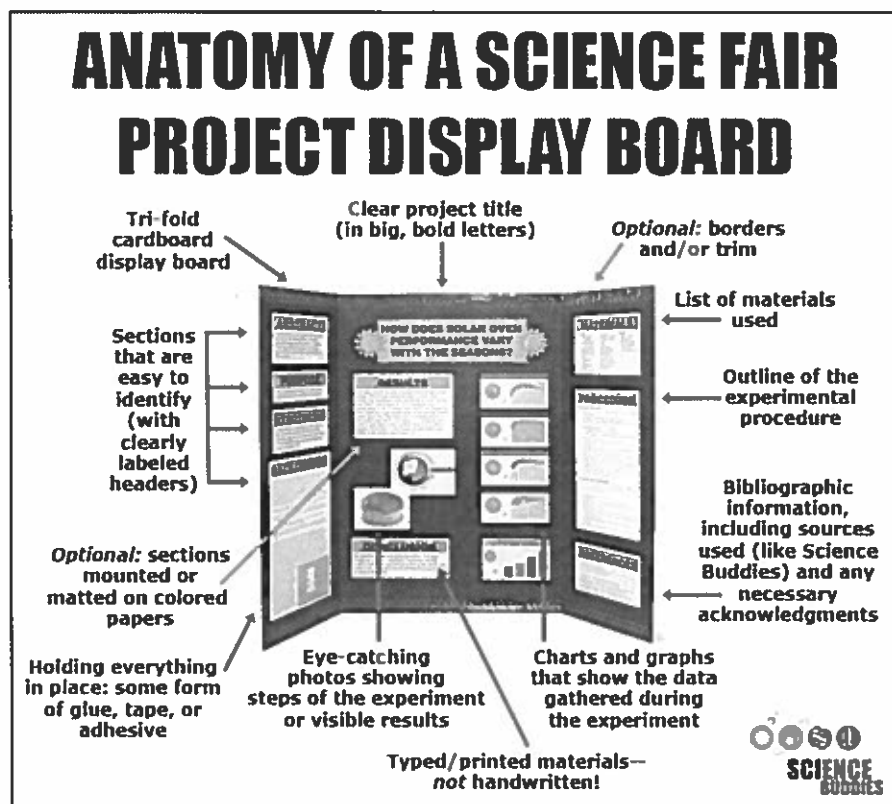


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SCIENCE FAIR PROJECT PLANNER

Using a timeline will help you organize your time efficiently. You will not be scrambling at the last minute to complete your project!

	DUE DATE
1. Choose a problem to investigate.	_____
2. Do some research. Get advice.	_____
3. Develop a hypothesis.	_____
4. Make a list of materials. Write down your procedure.	_____
5. Conduct your experiment. Collect your data.	_____
6. Organize your data (graphs, tables, charts, etc.)	_____
7. Draw your conclusions. Write report and proofread.	_____
8. Design and construct your project display.	_____
9. Bring your project display to school.	March 22, 2018



BMGS SCIENCE FAIR



MARCH 22, 2018

Projects Due: 8:30 a.m. | Judging: 9:00 a.m. - 2:00 p.m. | Exhibition: 7:00 p.m. - 8:30 p.m.

2018 SCIENCE FAIR ENTRY FORM

Paperclip this sheet to the back of your completed project.

Project #: _____ (PTA assigns) Grade: _____

Please Complete for Individual OR Group Project:

Individual Experiment Demonstration

Title of Project _____

Student Name: _____ Teacher: _____

Group Experiment Demonstration

Title of Project _____

Student Name: _____ Teacher: _____

Student Name: _____ Teacher: _____

Student Name: _____ Teacher: _____

(three students max, must be in same grade)



ST. JOSEPH'S CYO TRACK



Join the St. Joseph's Speedy Soles!



******ONLINE REGISTRATION OPEN THROUGH APRIL 1******

<http://stjosephscyobabylon.siplay.com/site>

Boys & Girls, Grades K thru 8

Program runs April - June 2018 and Sept - Oct 2018

Weekly Practices Tuesdays & Thursdays 7:00 - 8:00pm

All practices held at the Babylon High School Track

FIRST PRACTICE APRIL 10th

REGISTRATION FEE:

\$60 first child, \$40 second child (each additional child free)

New Uniform Fee: \$30 per child

Not sure of the size?

Uniform sizing available in the St. Joseph Gym, Tuesday, Feb 27th, 6:30pm-8pm

ANY QUESTIONS CONTACT:

Coach: Kathleen Ringstad, (516) 317-6461

Coach: Joe Callahan, (516) 510-5216

Coordinator: Jen Weiss, (516) 241-8356



FAMILY YOGA NIGHT!

Sponsored by the Babylon UFSD

DATE: WEDNESDAY, MARCH 14, 2018

TIME: 7:00-8:00 P.M.

LOCATION: BABYLON ELEMENTARY SCHOOL

Finding time for fitness, family fun, and a chance to relax can be a challenge. In family yoga they are all rolled into one. When we learn techniques for relaxation and a way to connect, we navigate life's challenges with more ease. Family Yoga is a fun, joyful and peaceful way to breathe, flow and connect.

Come to this unique interactive class and find out what your kids have been twisting and bending into during their recess time! Class will include synchronized breathing, partner poses, a mindfulness practice, and affirmations that will leave you feeling more relaxed and related. Families of all ages and abilities including pregnancy is welcome.



Babylon Lions Club

50th Annual Pancake Breakfast



to be held at

Babylon Memorial Grade School

Park Avenue

Babylon, New York

Breakfast includes pancakes, scrambled eggs,
breakfast sausage, juice/milk/coffee/tea

Sunday, March 18th 2018

7:00 am - 1:00 pm



Tickets \$6.00 per person

All proceeds go to local charities

Tickets available at www.babylonlions.com

or call (631) 383-6052 for information

www.Facebook.com/BabylonLionsClub

You may also purchase tickets at the door



MARCH CHILDREN'S ROOM CLASSES

Registration for March programs will begin on Thursday, February 1st @ 9:30am, Either in person, by phone, or online with a child's Babylon library card. Please note age requirements.

Registration is required unless otherwise noted.

Out of district residents may register for programs with an asterisk (*) two weeks after registration has begun,
In person only, using a child's library card.

***My First Storytime**

6 to 23 mos. with parent/caregiver

Fridays, March 2, 9, 16-10-11am

Stories. Songs. Play.

***Get-Along Gang**

For 3s, 4s, 5s not yet in kindergarten

Wednesdays, March 7, 14, 21-1-1:45pm

Stories. Crafts. Movement.

***Spring Sensory Play**

For 18 mos. to 5 yrs with parent/caregiver

Thursday, March 15-11-11:45am

Senses. Crafts. Play.

***Spring Art starts**

For 2 to 5 years old with parent/caregiver

Tuesday, March 20-11:30am-12:15pm

Crafts. Crafts. Crafts.

Bunnies, Bunnies, Bunnies

(for Babylon cardholders only)

For ages 2 to 5 years with parent/caregiver

Thursday, March 22-11:15-11:45am

OR

12:15-12:45pm

Please note no unregistered siblings, friends, or relatives. Each child must be registered

***Decorate Spring Eggs**

For 2nd-5th grades

Tuesday, March 27-3:30-4:30pm

Crafts. Eggs. Sparkle.

***Inchworms**

2s & 3s with parent/caregiver

Mondays, March 5, 12, 19-10-10:30am

Stories. Crafts. Music.

***Internet Safety for Kids with Stefana Mueller**

For parents and kids 13 and up

Monday, March 12-7-8pm

***Saint Patrick's Day Shenanigans**

For K-5th graders with parent/caregiver

Friday, March 16-3:30-4:30pm

Snacks. Crafts. Green.

***Newbery Award Book Discussion**

Will discuss Newbery winner and your favorite titles

For 4th-6th graders

Wednesday, March 21-7-8pm

Snacks. Books. Snacks.

Drop-in & Play

For ages 6 to 23 mos. with parent/caregiver

Friday, March 23-10am-12pm

Play. Play. Play.



Babylon Children's Room Classes

Registration for April programs will begin on Thursday,

March 1st @ 9:30am, either in person, by phone, or online with a child's Babylon Library card. Please note age requirements.

Registration is required unless otherwise noted

Out of District residents may register for programs with an asterisk (*) two weeks after registration has begun, in person or by phone using a child's library card.

Drop-in and Play

For ages 6 to 23 mos. with parent/caregiver

Fridays, April 6, 27-10am-12pm

Play. Play. Play.



*Inchworms

2s & 3s with parent/caregiver

Mondays, April 9, 16 23-10-10:30am

Stories. Crafts. Music.

*Seashore Safari

For families with kids up to 5th grade

Tuesday, April 10-4-5:00pm

Cornell. Touch-Tank. Sea Creatures.

*Get-Along Gang

For 3s, 4s, 5s not yet in kindergarten

Wednesdays, April 11, 18, 25-1-1:45pm

Stories. Movement. Craft.

*Zumbini

For ages 3 mos. to 4 years with parent/caregiver

Thursday, April 12-10:30-11:30am

Dance. Music. Play.

*My First Storytime

6 to 23 mos. with parent/caregiver

Fridays, April 13, 20-10-11:00am

Stories. Songs. Play.

*Sidewalk Chalk

For ages 2-4 with parent/caregiver

Wednesday, April 24-11-11:45am

Chalk. Decorate. Fun.



*Pinterest Fun

For all ages up to 5th grade

Thursday, April 26-3:30-4:30pm

Crafting. Crafts. Crafty.

