


of Science

Where: pick up and drop off point is the Newton Centre  stop.


Tripslip # 10



When: July 18 from 9am - 4pm

Leaders: Lyudmila "Venus" Koralechuk
617-558-5567



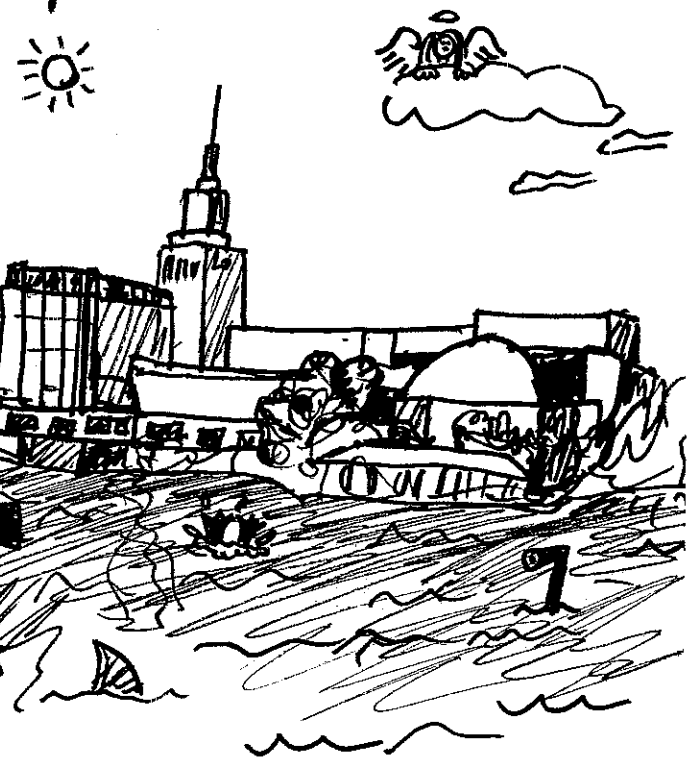
Christopher "Jupiter" Leo-Palermينو
617-926-0319

Equipment: \$20 (more if you want) (make sure you have small bills for the ) , lunch, water, field kit. No hiking boots!!

I hope you're excited, because on Tuesday we're going to that glorious center of knowledge and learning: Boston's very own Museum of Science! The Science Museum has tons of great exhibits and presentations that we can explore on everything from optical illusions to ecology. We might even get to see a show in the Omni Theater! We'll be taking the  there, so do your best to get to the Newton Centre  stop on time!

{Human Body Facts:}

- around 2 million blood cells die in your body each second; the same number are born each second.
- 1.5 liters of saliva are produced each day.
- The surface area of your lungs is about the same size as the surface area of a tennis court.



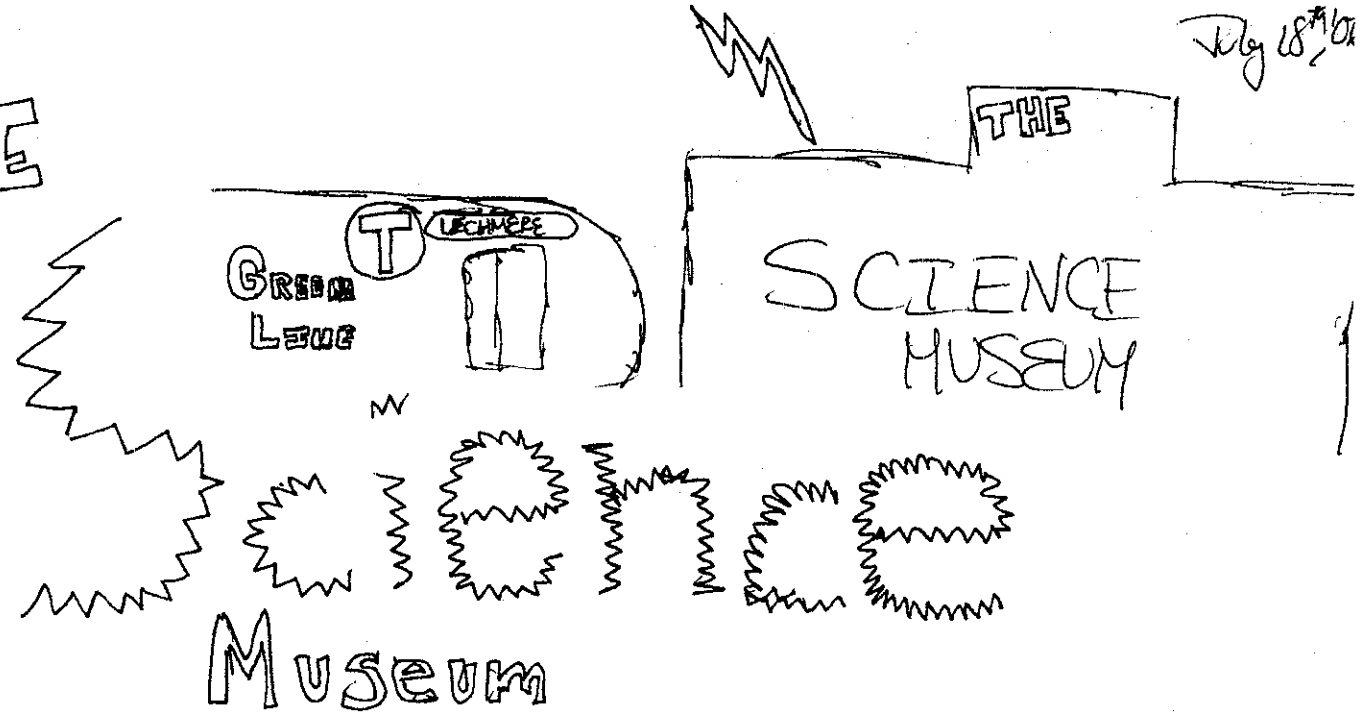
In case of an emergency, your child will be brought to: Newton-Wellesley Hospital 617-243-6000
This program must comply with the regulations of the Massachusetts Department of Education and must be licensed by the State of Massachusetts.


THE MUSEUM OF SCIENCE

Trip slip #10

July 18th 01


THE



Get ready for a trip out of this ! In just a few hours we will experience more science than most people do in a month - unless you go to the Environmental Science Program of course. Anyway tomorrow we are off to one of the best trips of the whole month... the Science Museum (yeah, I'm assuming you didn't spoil the surprise by looking on the board to see where you were assigned to or looking at the top of this sheet)

So yeah, put on your thinking caps and get ready to absorb all of the amazing science information this incredible museum has to offer. In addition ^{hand} you will surely be in order, whether it be the ^{stairs} or the volleyball. This adventure will definitely be unforgettable for awhile!

LEADERS: 617 926 0319 Chris Leo Palermo, 617 558 5567 Lynda Korolchuk

WHERE: Meet at the Newton Centre  Stop at 9:00am


WHATCHA NEED?: Lunch, Water, Hiking Boots not needed (Sneakers ok)

\$15-20 (for the T, maybe the Omni Theatre?)


In case of emergency, your child will be brought to Newton Wellesley Hospital ^{617 254-0000} This program must comply with the

THE MUSEUM OF SCIENCE

Trip slip # 11
July the 14, 2004
9:00 AM - 4:00 PM

★ Meet at the
NEWTON CENTER 

LEADERS: Joey "It's" Backer
617-967-0288
Nate "Alive!" Kaufman
617-796-7762

STUFF: Lunch, water,
notebook, shoes
(~~not~~ boots), \$20*
(so we can see anomi)
*Include quarters for the 

Put your frowns in the upright and locked position, because we're about to take off into the upper stratosphere of Awesome! Today we get the supreme privilege of visiting the Museum of Science, which is by far one of the coolest places in Boston! I'm sure all of you have been there before, so you shouldn't need any help getting excited. We'll spend the day checking out all the exhibits, seeing an Omni show if at all possible, and generally luxuriating in the glory of the world of Science.

AWESOME FACT

THE LORD OF THE RINGS

EXHIBIT IS
COMING TO
THE MUSEUM
IN AUGUST!
SO COOOOL!



In case of emergency, the
nearest hospital is Mass
General: 617-726-2000

This program must comply w/ the regulations of the Mass. Dept. of Health and be licensed by the City of Newton Health Department

MUSEUM OF SCIENCE.

Tripslip number: Nine (9)

Date: Tuesday, July Seventeenth, 2001 (7/17/01)

Time(s): Eight-Thirty until Four (8:30am-4pm)

Meeting Location: Newton Centre T Stop, in Newton

Leader(s): Jonathan Rivnay (617-527-1849)

Angela Simunovic (617-527-7993)

Required Equipment: Boots or Sneakers (no Sandals or Flip-flops), Water, Lunch, Field Kit (First Aid, etc.), Approximately 15 dollars or so, for entrance to the museum and the T ride and such.

Tripslip Contents: "Reminders." "Museum." "Lightning."

MUSEUM.

today we will visit some of the museum of science's permanent and temporary exhibits. we will try to catch a lightning show, see "Lightning." and other fun things. The museum of science, which is now about 150 years old, houses exhibits in many different areas of science, all under one roof. So bring your thinking caps, learning mittens, and excitement scarves, because you know we're going to have a blast! just ask angela, no really, ask her... say: "angela, are we going to have a blast?!?!?" and if she just ignores you, tell her i sent you!!

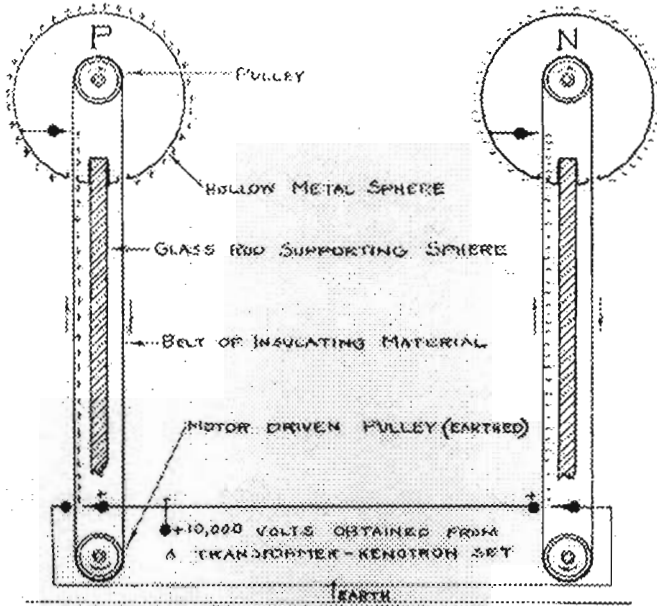


DIAGRAM OF FIRST GENERATOR

REMINDERS.

do not forget:

a) meet at and leave from the newton centre T stop at the times listed above.

b) bring enough T fare: \$2.50 to get there, \$1.00 to get back.

c) bring enough money to get in: \$11.00 if you're over the age of 11, \$8.00 if you're younger than 11... actually, you know what? just check angela's tripslip to double check these figures.

d) bring extra money if you want to buy stuff at the gift shop or to eat there.

e) phil hartman was a very funny man, and it is a shame that he is dead.

f) gatorade may have replenishing electrolytes, but some, if not most of its flavors are sub-par.

LIGHTNING.

we will be going to a lightning show (most likely at the museum's theatre of electricity, which has an air-insulated van de graaff generator to produce artificial lightning bolts up to fifteen feet long. the nature of high voltage electricity, st. elmo's fire, lightning safety, and benjamin franklin's kite experiment are some of the topics that are discussed during such a show. during the presentation, the cage in which the demonstrator sits is struck by 1.5 million volts to show why cars are safe during lightning storms. although many of you may have already visited this show several times, i always find it fun, so one more time will be great, ok, yea, thanks...

QUICK QUIZ:

The greatest number of people who die from being struck by lightning are:

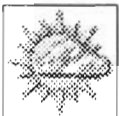
- A. Golfers
- B. Fisherman
- C. Farmers
- D. Joggers

Answer: C
29% farmers;
19% golfers;
15% fishermen

Weather Forecast (by boston.com):

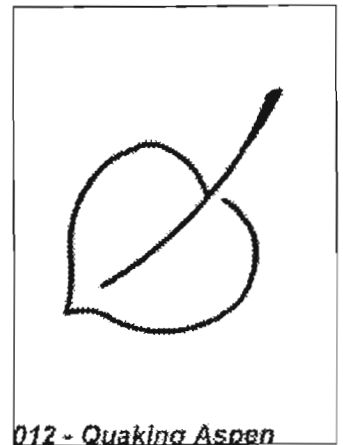
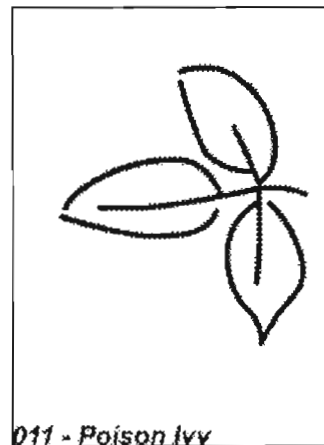
EnviSci takes no responsibility for the accuracy of the boston.com weather forecast. You must bring your raingear and lots of water, no matter what!

**Tuesday,
July 17, 2001**



partly cloudy:
H75 / L63

A few showers will linger into the morning hours. Clouds will begin to break during the afternoon hours and perhaps some sunshine is possible by late afternoon. Highs in the middle 70s along the coast to upper 70s inland. Becoming partly cloudy to mostly clear overnight. Lows in the upper 50s to lower 60s along the coast.



Trip slip # 8
7/13/05

Science



Museum

Leaders: Lyuda "Barracooda" Kovalchuk
617-584-2624

Nate "Plate" Kaufman → 617-969-4144

Joey "Doughy" Backer → 617-969-0288

Where: Meet @ and pick up from: Newton Centre

When: 9am-4pm Equipment: lunch (or \$ for food), water, ≈ \$25 for the (T) and admission and possibly OMNI theatre * Be sure to bring small change (dollar bills/quarters) for the (T) so you won't need to get change!



Get ready for an awesome trip! The Science Museum is great because of all the rockin' exhibits it has; my favorite's the optical illusion section. When we get there, you, the student, will decide the things we do. It'll be a majority vote, and if you want to go to the OMNI theatre make sure to bring enough \$ (the exhibit halls + 1 OMNI show cost \$19). Anyway, get excited because you made a wise decision when you chose this trip. See you tomorrow @ the Newton Centre (T) stop!

In case of emergency, your child will be brought to Newton-Wellesley Hospital 617-243-6000

This program must comply with the regulations of the Mass. Department of Public Health and must be licensed by the City of Newton Health Dept.

7/13/05

THE MUSEUM OF

This trip slip brought to you by the number



Meet at the Newton Center \oplus stop!
Drop off = 9AM, Pick up 4PM

SCIENCE



VIRTUAL VOLLEYBALL • OMNIMAX • MONKEYS • LIGHTNING • STUFFED THINGS

This trip really needs no introduction. It's the Science Museum! We are going to spend one glorious, air-conditioned day checking out all there is to see and learn about the world we live in at one of the coolest museums ever. On top of that we'll be taking in one of the new Omni movies and probably checking out the monkeys too. But not "checking them out." I meant the scientific type. Observing. We'll also be talking about energy and conservation which is good because that is a big part of what the Science Museum is all about.

Your LEADERS
Lyda Kovalchuk
617-584-2624
Joey Backer
617-969-0288

AND VIRTUAL VOLLEYBALL!

- EQUIPMENT**
- sneakers (!)
 - lunch
 - water
 - money for the \oplus and the museum (~\$20)
 - rain gear
 - lightning in a can or bottle

SEAL OF APPROVAL

In case of Emergency, your child will be brought to:
Newton Wellesley Hospital: 617-243-6000.
This program must comply with the regulations of the Massachusetts Dept. of Public Health and must be licensed by the city of Newton Health Department.

trip slip # 10

Leaders: Jeff DeCew 617-964-7845
Amelia Runyan 617-244-8836
Danny Yagoda 617-738-0269

THE MUSEUM OF

(oh! it's too wonderful...)

SCIENCE!!!

Intro To the museum

Table of Contents
Equipment List
Day 1 Intro
Lightning
(get it? table BOMBY)

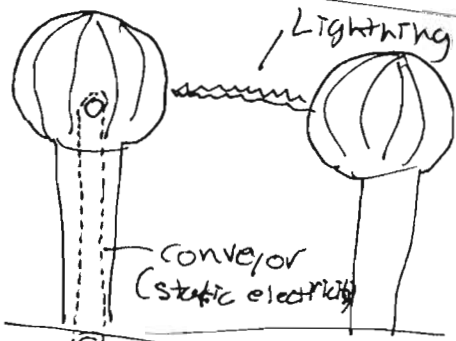
Basically, the museum has almost everything cool you can think of. Almost. Musical stairs, Big Ball machines, dinosaurs, lightning, a pedal-powered airplane which crossed the atlantic.

There are 3 wings (red, green, blue)
Red is free, has theaters in it, and has a zoo area.

Green has mechanical and modern sciences in it like "mathematics", and holograms

Blue has Natural history in it and other such stuff.

Lightning (zap!) 



Van de Graaff generator

so a motor powers a felt conveyor which creates static energy in one ball then it is released into the other ball when it gets enough.
more later.

- Equipment:
- \$ for T
- Sneakers/Boots
- Water (2 liters)
- Lunch
- Field kit:
- Rain gear
- Sunscreen
- Bugspray
- First aid
- Notebook

Meet @
Newton Highlands
T Stop
@ 9:00

ENVI-SCI PRESENTS: trip slip # 9, 7/16/02

THE SCIENCE

TIMES:

9:00 AM

to

4:00 PM

MUSEUM ★

Equipment: Sneakers, Backpack, Field kit, lunch, H_2O , \$ for the $\text{\textcircled{T}}$ and also if you want to buy food/ice cream/funny souvenirs from the museum shop, and \$ for admission to the museum ~ \$15

So today we're going to journey to the Museum of Science to learn about (drumroll please...) SCIENCE! Huzzah. At the museum there are exhibits about all different types of science from physics to biology. There is an exhibit on rollercoasters where we can learn about how they move! There is a lightening show where we can learn how lightening works! They have plants and animals, like snakes! We will visit all these exhibits and more! So here are some

THINGS TO REMEMBER:


- Meet @ and leave from the NEWTON CENTER $\text{\textcircled{T}}$ STOP!!!
- Bring $\text{\textcircled{T}}$ fare: \$2.50 in, \$1.00 out.
- Bring \$ to get into the museum, bring about \$15 just in case.
- Get psyched to have some SCIENCEY FUN!!!

TRIPSLIP #10
JULY 14, 2004
9am - 4pm
Meet @
Newton Centre

MUSEUM OF SCIENCE

It's Alive!

Leaders: Nate "Copernicus" Kaufman (617) 969-4144
Joey "Van der Waal" Backer (617) 969-0288

We will be meeting at the Newton Centre  stop at 9:00 AM!

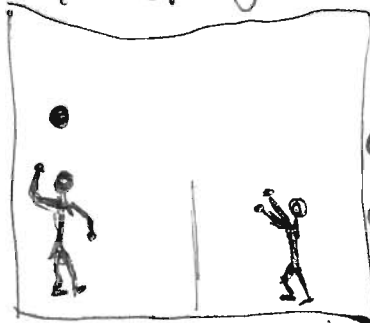
What you need: Lunch, some water, rain gear just in case, notebook, (no hiking boots necessary), and \$20 (we may go to the omni!)

*bring your membership card if you have one!

Without science, we would be called the Environmental Program! And that just sounds silly! So get excited for one of the greatest day trips of all time. A trip to one of the coolest places in Boston. The Museum of Science! We'll take the green line in from Newton Centre to Science Park and spend the day seeing all the awesome things the museum has on display, from astronomy to geology to zoology. It truly will be a great trip, and hopefully you'll all learn a thing or two about science. But just for some prep, I think I'll get your minds working ahead of time by asking some science questions:



MUSICAL STAIRS



VIRTUAL VOLLEYBALL!

- ① An object in motion will _____; an object at rest will _____.
- ② PHOTOSYNTHESIS: $CO_2 + \text{---} \xrightarrow{\text{light}} C_6H_{12}O_6 + \text{---}$
- ③ All planets move in a(n) _____ orbit.
- ④ The _____ is the largest mammal.

The program must comply with the regulations of the MA dept of health and be licensed by the city of Newton health dept
The nearest hospital is Mass general at 726-2000