

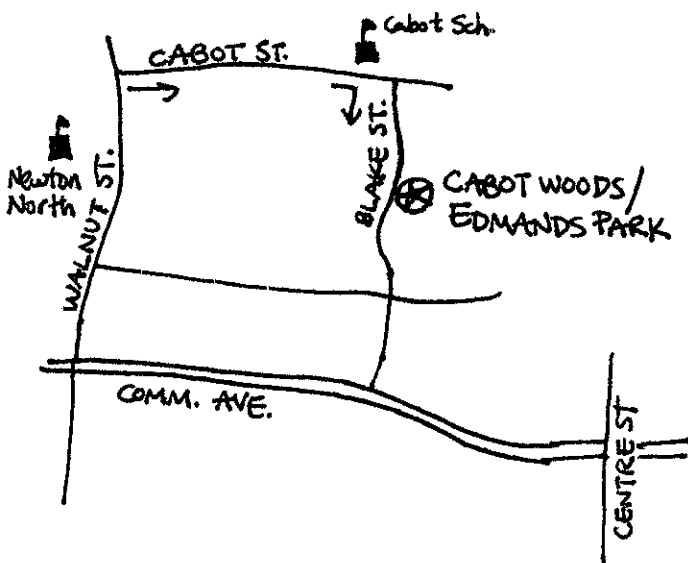
NIGHTWALK

Leaders: All of them, but if you have any questions, call Jeffrey (857-205-9723)

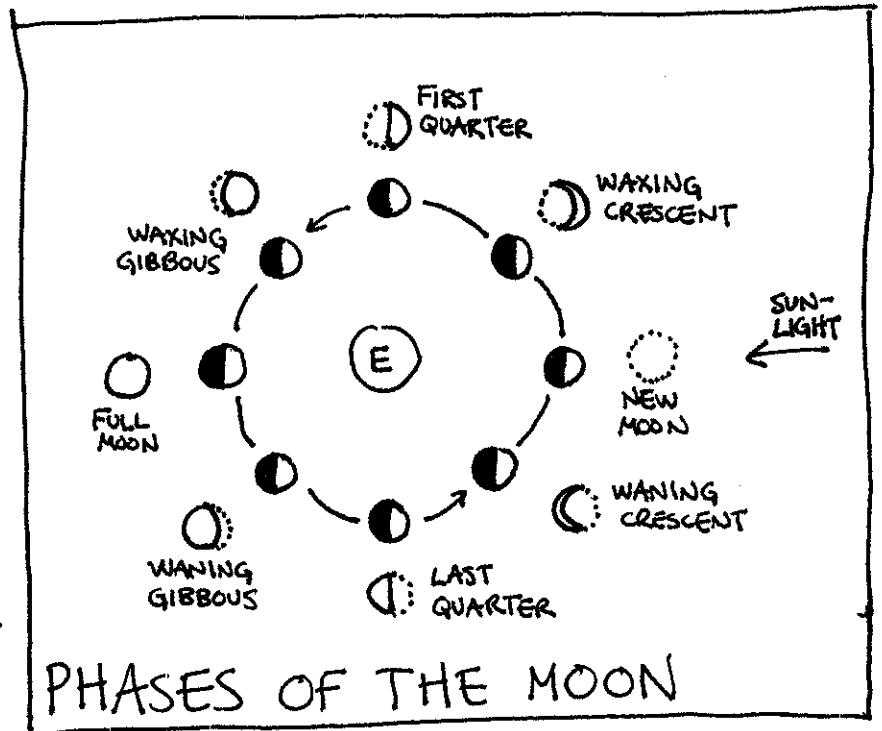
When: 7:00-10pm

Where: Meet at Cabot Woods.

Directions/Map to Cabot Woods:



Equipment: hiking boots, field kit, Bug Spray, water, something warm, (in case it gets cold), FLASHLIGHT, BANDANA(S).



Tonight, you will be surrounded by a world without sight! A world where your senses other than vision are essential for survival. To show how important the other senses are for nocturnal life, we will do/play various activities/games that may or may not surprise you.

We will also learn about the night sky, our solar system and about a little something I like to call "foxwalking."

Did you know: - a ray of light travelling 186,000 miles/second would take around 100,000 years to cross from one edge of our galaxy to the other?
 - our sun & family of planets came into being approximately 5,000 million years ago!?

NIGHTWALK

TRIPSLIP # 8 - JULY 13th 2005 - ESP

Questions? call Jeff D: (857) 205-4723

Equipment: YOU, Boots, water, field kit, bug spray, flashlight, bandana, appropriate clothing, a small object that fits in your hand.

Time: 7:00 - 10:00 PM (hence night walk)

As humans, we are accustomed to doing things during the day time under the light of the sun, or ~~at~~ at night with the help of artificial light. (thanks Mr. Edison) The darkness is a world we have yet to explore, and it is full of so many surprises. Nocturnal animals, common most everywhere, have adapted to living in the dark by a few very clever ways. Bats, for example, use sonar to find obstacles and prey in the dark. Also, Batman uses gas-powered magnetic grapple guns to swing around Gotham City at night, and he's a cool guy. We, however will not be in the air, but rather, learning how to be stealthy and quiet even in the most difficult of circumstances: the woods!

Dun Dun DUNNN



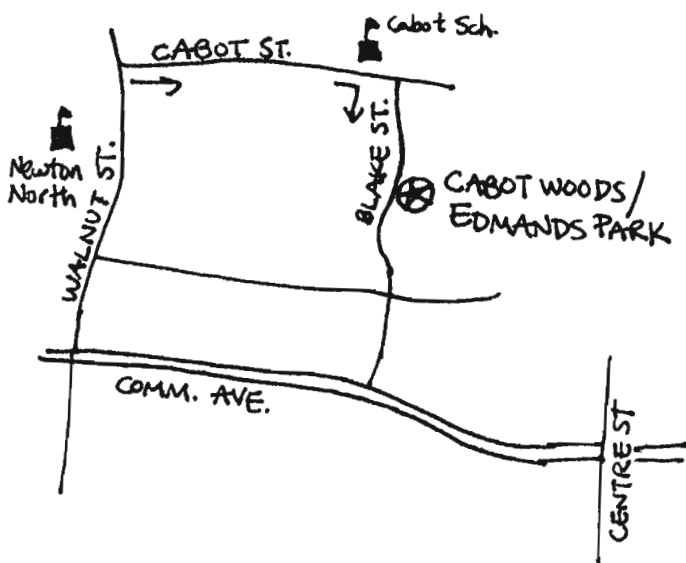
NIGHTWALK

Leaders: All of them, but if you have any questions, call Jonathan (617-645-1379)

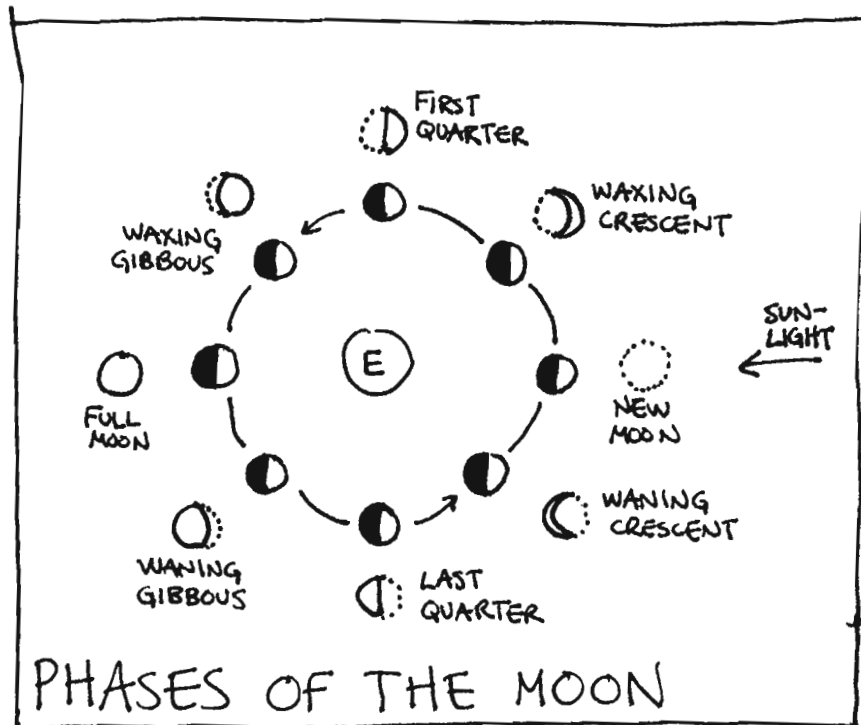
When: 7:30-10pm

Where: Meet at Cabot Woods.

Directions/Map to Cabot Woods:



Equipment: hiking boots, field kit, Bug Spray, water, something warm, (in case it gets cold), FLASHLIGHT, BANDANAS.



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OK, SO WE HAVE NO LEARNED I ~~CAN~~ CAN NOT DRAW A MOON FOR HERZ LIFE, (EVEN THOUGH I TRIED ABOUT 8 TIMES) THIS IS A REALLY FUN TRIP BECAUSE THERE WILL BE LOTS O' LEADERS AND LOTS O' STUDENTS. WHAT WE ARE GOING TO LEARN IS THAT AS MOST OF US ARE GOING TO BED A WHOLE NOTHER WORLD IS UP. NIGHT LIFE LIFE IS WHAT TO BE FOCUSING LEARNING ABOUT. TO LEARN TO OTHER SENSES EFFICIENTLY.

EQUIPMENT

- ICIT, WATER, BOOTS,
- BUGSPRAY,
- BANDANA
- FLASH-LIGHT

OR NOCTURNAL WE ARE GOING ON AND WE ARE GOING ~~TO~~ USE OUR MORE YOU WILL LEARN HOW

TO FOX WALK AND WE WILL PLAY SOME FUN GAMES. AS WELL AS USING OUR OTHER SENSES WE GET TO LOOK AT STARS (WEATHER ALLOWING). WHAT EXACTLY IS A STAR? WELL I'M GLAD YOU ASK! A STAR IS A CELESTIAL OBJECT CONSISTING OF HOT GASES AND EMITTING LIGHT AND RADIATION. BASICALLY THEY ARE BIG BALLS OF GAS WHOSE BRIGHTNESS VARIES.

TIME: 7:30 pm - 10 pm

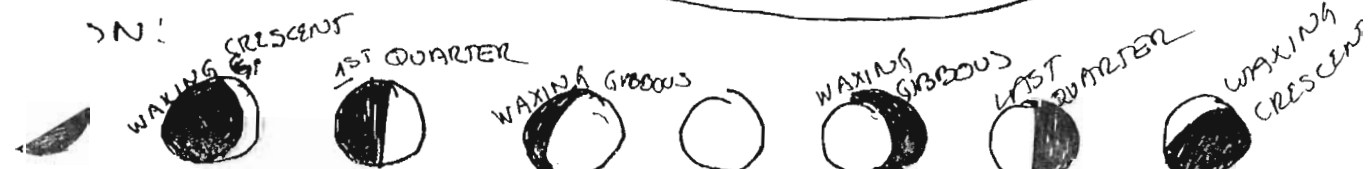
LOCATION: BROWN

LEADERS: AS MANY AS 0 OF US AS POSSIBLE BUT IF YOU HAVE QUESTIONS CALL ANGELA (527-7993)

THINGS TO THINK ABOUT:

- WHY IS THE SKY BLUE?
- WHAT IS THE SPEED OF LIGHT? HOW FAR AWAY IS THE MOON? THE TIDE AND HOW?

THE MOON:



★ Leaders: Jeff Wong 332-3617
 Angela Simonovic 527-7993
 and some help from our friends

Dates: 7/12 or 7/17 2001
 Time: 7³⁰-10pm Trip slip # 6/9

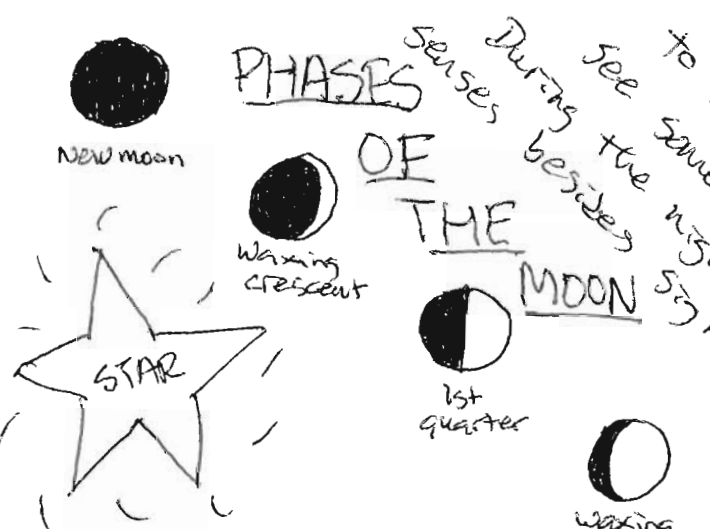
Location: Brown Middle School

Ⓜ ← A but, I think

NIGHT WALK

Equipment: you, boots, water, field kit, bug spray, flashlight, bandana, appropriate clothing (check the forecast - it can get chilly at night!), pooper scooper (just kidding), a small object that fits in your hand

Remember, 7:30 to 10pm (it says 7 to 10 on the calendar, we changed it)



PHASES OF THE MOON

Senses During the night besides see to fly and some bats flying around the fields to learn how to fly and also to detect prey. But ready for some fun!

As humans, we are accustomed to doing most of our things during the day time under the light of the sun. However, the dark brings a whole new world. Nocturnal animals have adapted to living in the dark in many ways. For example, bats use sonar to tell them where they are. Some animals have adapted to detect prey. If we were lucky, we should see some bats flying around the fields to learn how to fly and also to detect prey. But ready for some fun!

So what exactly is a star? A star is a mass of gas, mostly hydrogen, that releases light, heat, and radiation. The two main colors of stars are red and blue. The hottest stars are blue and the coldest ones burn red.

- What is the closest star to the earth?
- How do you tell the difference between a star and a planet?
- What cool games will be played at night?

Look outside what phase is the moon in tonight?

■ = dark
 □ = light

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A STAR IS A CELESTIAL OBJECT CONSISTING OF HOT GASES AND EMITTING LIGHT AND RADIATION. BASICALLY THEY ARE BIG BALLS OF GAS WHOSE BRIGHTNESS VARIES.

TIME:
7:30 pm - 10 pm

LOCATION: BROWN

LEADERS: AS MANY AS O OF US AS POSSIBLE BUT IF YOU HAVE QUESTIONS CALL ANGELA (527-7993)

HIGH

SOME THINGS TO THINK ABOUT:

- WHY IS THE SKY BLUE?
- WHAT IS THE SPEED OF LIGHT?
- HOW FAR AWAY IS THE MOON? THE SUN?
- WHY DOES THE TIDE CHANGE? AND HOW?

PHASES OF THE MOON:



Where: BMS When: 7:30-10 PM, July 11 2002

Who: Gabe (949-391616), lots of other leaders, and you

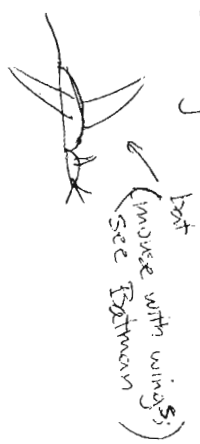
What: See tipslip Why: Because the night walk is way cool

You will spend about a third of your life sleeping. Maybe more,

if you like sleeping as much as do I. But while you're dreaming of glories yet unknown, lots of other animals are just getting started. Owls, bats, insects, and tons of other pants and animals do all of their eating, building and mating after the sun goes down. Why might it be better to go to sleep at night? Why might it be worse?

NIGHTWALK

What can you do at night that you can't do during the day?



Go outside tonight and look at the moon (don't worry, I'll wait...) Oh good, you're back. Isn't the moon nice? I

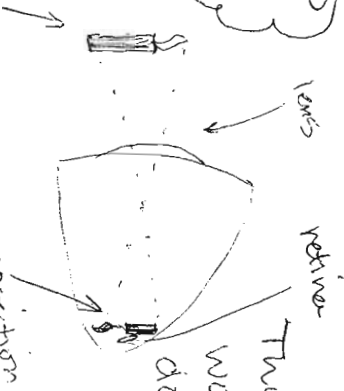


Know a song about the moon, in Spanish?

Things to bring: Fieldkit, boots, water, bug spray, flashlight, something warm in case it gets cold, one or more bandanas, can pry them away from your hippie parents

Maybe you can convince me to sing it for you. So, which side of the moon is bright? When did the moon rise. Hey, head back out there, and see if you can find anything else up there. Stars? Meteors? Galaxies? Planets? Planes? Giant blood-sucking leeches that

Make sure you sleep in late, so that you can stay up late



drop on you from trees when you go outside to look at the sky at night? So which of these things are big, which are small? What are the differences between them

Where: BMS When: 7:30-10 PM, July 11 2002 Who: Gabe (969-3966), lots of other leaders, and you What: see tipsip Why: because the night walk is way cool

You will spend about a third of your life sleeping. Maybe more,

If you like sleeping as much as do I. But while you're dreaming

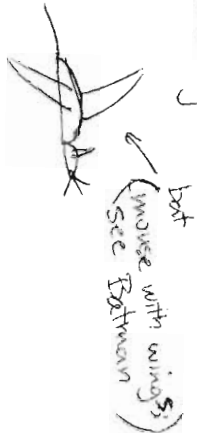
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after the sun goes down. Why might it be better to do stuff at night? Why might it be worse?

Make sure you sleep in late, so that you can stay up late



What can you do at night that you can't do during the day?



bat (mouse with wings) (see Batman)

NIGHTWALK

Things to bring: Fieldkit, boots, water, bug spray, flashlight, something warm in case it gets cold, one or more bandanas, can pry them away from your hippie parents



part of moon (waxing, waning?) (crescent, gibbous?)

Go outside tonight and look at the moon (don't worry, I'll wait...) Or go back. Isn't the moon nice? I

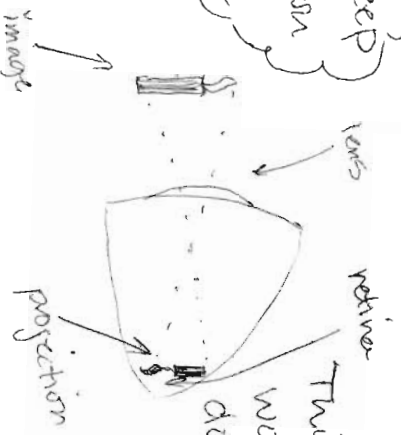
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Giant blood-sucking leeches that

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This is how your eye works. What would you do if it didn't work?

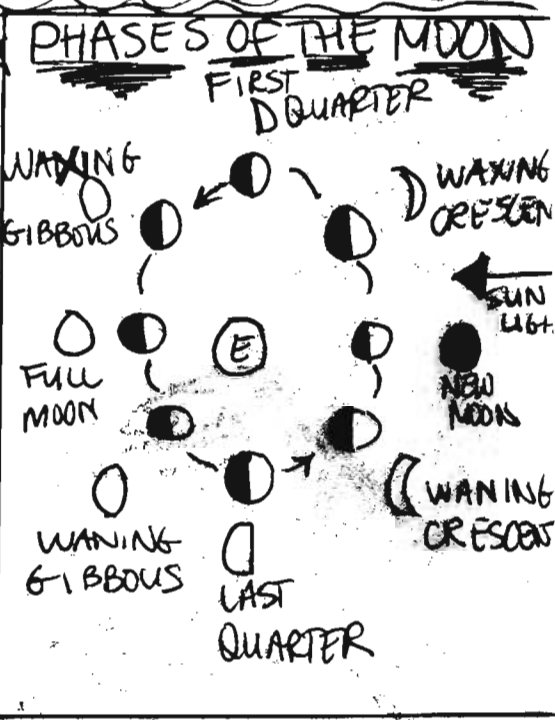
NIGHTWALK

LEADER: Pam Mahoney (527-5831)
 DATE: July 16, 1992
 TRIPSUP#: 9
 MEET AT: NEWTON SOUTH GREENHOUSE
 (OUTSIDE)

* TIME: 7:30 PM - 10 PM *
 (YOU DON'T HAVE TO GO TO THE PROGRAM IN THE MORNING, SO YOU CAN SLEEP LATE!!)
 EQUIPMENT: boots, field kit, 1st Aid Kit, Bug Repellant, BANDANA, COMPASS, binoculars (if you want)
 ADDRESS WARMLY! **



Tonight you will enter a world without sight. A world where your senses are essential for your survival. Don't be afraid to try new things - we will be playing many games using senses other than sight. After, if the sky is clear, we'll be using star charts to explore the sky. We'll learn about the phases of the moon, our galaxy (in brief), and the different constellations! We'll also discover how nocturnal animals move around and detect food without using eyes. How do plants differ at night than the daytime?



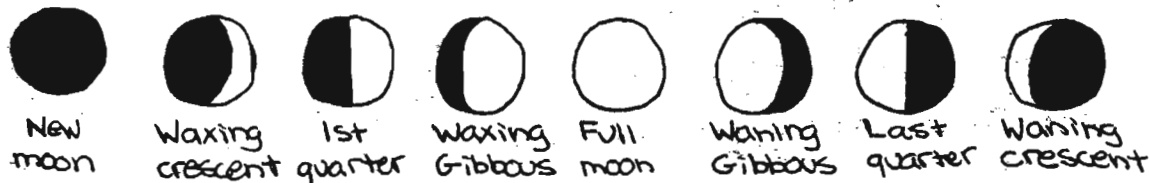
Did you know:
 - a ray of light travelling 186,000 miles/second would take around 100,000 years to cross from one edge of our galaxy to the other!?
 - our sun and family of planets came into being approximately 5,000 million years ago!
HAVE FUN + THINK OF LOTS OF COOL GHOST STORIES

Night + Walk

Leaders: Allan Telio 969-4057 Jeffrey Wong 332-3617
 Date: July 11, 1996 Times: 7:30 pm to 10 pm Trip slip # 7
 Location: Newton South Equipment: field kit, boots, bug spray, flashlight, bandanna, appropriate clothing (check weather)

You may have already won \$1,000,000! Actually not. What you have won is an exciting trip on the Night Walk. You will explore what it is like living a nocturnal life as opposed to a life based on light. You may discover that this is totally different than what we are used to. It is like a whole new world when the sun sets and the moon rises. When this happens, we will experience what it is like without sight (like bats) and learn to depend on our other senses. We'll also make animal noises. Huh?

Phases of the moon ■ = dark □ = light What stage is the moon in tonight?



A question to ponder about: why do we see light off the moon's surface? Because the light from the sun reflects off the moon's surface. Huh... what does that say?

So what are stars? Stars are masses of gas, mostly hydrogen, that give off their own heat, light, and other forms of radiation. The coolest stars burn red while the blue stars are hottest. With the exception of the sun, the closest star to the earth is Alpha Centauri. It is 26 trillion miles away from the earth. At 1 million mph, it would take 2,853 years to reach it.

Do you know how the moon and high/low tides and tides in general are related? We'll tell you on the exciting walk tomorrow. Yay!



It's hard to put over 500 million candles on Mr. Sun's birthday cake.

Gordon Roble # 8
 7/13/94 12449304

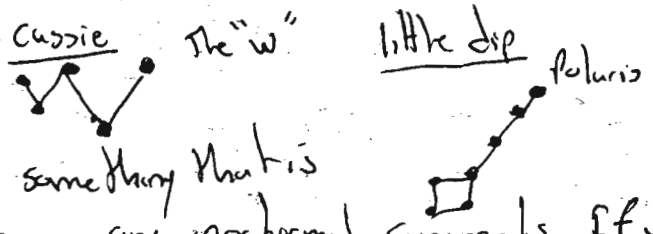
NIGHT WALK



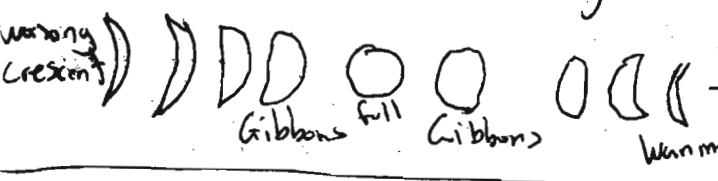
1:00 - 10:00
 P.M. P.M.

Newton South
 Equipment: field kit,
 boots, bag spray, flashlight,
 rambanana, ghost stories,
 and imagination.

Since you all get to sleep late on this day, I expect you all to be there tonight cheery eyed and full of imagination, ready to experience the pictures in the stars, or in other words constellations. Many, many, years ago the Greeks and Romans would spend hours gazing towards the heavens and seeing such figures such as Cassiopeia and the little dipper or Ursa (meaning bear) minor.



Long ago the Greeks called these people who stayed up all night, nocturnal. But today we know something that is nocturnal comes out at night. hmmm, can you name any nocturnal animals? If you said bat, you win! we have a very good chance of seeing bats tonight. Don't worry, bats will not hit you. They have the fabulous sense to be able to avoid a strand of hair in their way. Do you know what this sense is called?



Phases of the moon. What's the difference between a waning & waxing crescent?

There are many interesting phenomena we will see tonight. One of these is the sunset. Do you know why the sky changes from blue to orange to red. I'll give you a hint, it has to do with the spectrum, and with particles in the air. Plus, you know that when you see a blue sky, you're actually seeing someone else's sunset. Huh!!

Just one quick question. How do plants grow in the dark, don't they need light for photosynthesis. Actually there is something called Dark reaction of photosynthesis. Which one of these is the hottest. blue red yellow. If you guessed purple, sorry there aren't any, actually blue are the hottest. ^{or purple this one} So be ready to see that night sky and maybe we will see a shooting star.

Leaders: Rachel 332-5932 and keea
15 July 1993... Thursday.

Trip slip #11

EQUIPMENT: Field Kit,
Compass, FLASHLIGHT,
star chart (if you have one)
appropriate clothes (check
weather), a BANDANNA,
+ a big happy smile.

Times: 7:30 PM - 10 PM

Location: Newton South High

NIGHT WALK

TONIGHT we will explore the night, discovering many mysterious things. How do nocturnal animals find their way around in the dark? We will play some games to sharpen our nighttime senses. We will also look at the stars (if the night sky is clear) and talk about their origins. We have a field guide for constellations.

Stars are glowing balls of gas that exist throughout space. The hottest stars are blue. The coolest are red. There are no purple ones.

Phases o' the moon
"When the moon is a 'C', it is decreasing rapidly!"

An eclipse of the sun is when the moon and sun are lined up so that none of the sun's light can reach the earth.

Cosmology is the study of the structure and history of the entire universe. Astronomers believe the universe began with a **BIG BANG**.

Did you know that right this very minute **YOU ARE PULLING UP ON THE EARTH??**

We've all heard that tides are caused by the gravitational pull of the moon. But did you know that they are also affected by the gravitational pull of the sun? Or that the moon pulls 2.4 times harder than the sun?

(I'll explain later)

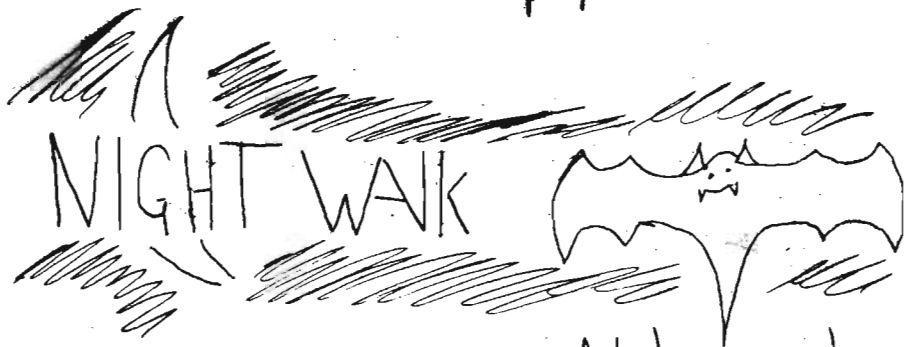
Leader - Gordon (244-9304)

Times - (7:00 P.M - 10:00 P.M)

You can sleep late!

Location - Newton South

Equipment - field kit, boots, bug spray, flash light, bandanna, ghost stories, imagination and binoculars (if you have them)



A bat is a nocturnal animal.

HIA, HA, HAC (said in eerie drawl voice) Welcome to the Night Walk. Tonight you will indulge your senses in a world without light. We will see Newton South in the dark as we play games to explore how animals who come out at night (Nocturnal) deal without the benefit of light. We will also explore the night sky, and if it is clear we will use a star chart to map the stars. We'll also talk about why the moon changes as it goes through its phases. We will also talk about the many constellations we can see in the sky - Lets go star gazing.

Phases of the moon



CASSIOPEIA

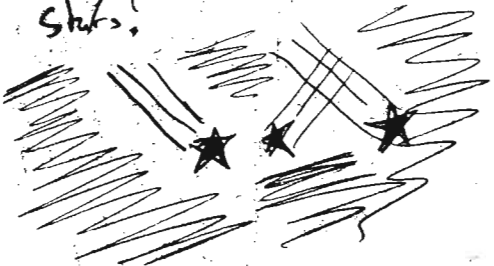


The W



Polaris
URSA Minor
(The little) Dipper

Why do we see shooting stars?



- Things to think about
- How does the dark reaction of photosynthesis occur? - I thought plants needed light.
 - How far away is the moon?
 - What are Northern lights?
 - Did you know?

- light travelling at 186,000 miles/sec would take 100,000 years to cross from one edge of our galaxy to the other.
- Our sun came into being 5,000 million years ago.

The most abundant mineral in the moon is a calcium-rich feldspar. Theories about the moon say that it was created when an asteroid struck the earth. The resulting shrapnel orbited about the earth, and was pulled together by gravitational forces to form the moon.



Trip Slip #12

Date: Wednesday, 17 July

Leaders: Gail (964-5857)

Garen (832-4015)

Time: 7:30 pm - 10 pm

Place: Newton South

Dest.: The Environs of
Darkness

Equipment: field kit

warmish clothes, [redacted]

andle, ghost stories,

bandanna, small

flashlight.



Welcome my children to the lands of darkness and nocturnal happenings where what you see is not necessarily what it seems. Welcome to a place where your usual senses can fail you and you must adapt if you wish to survive. Garen and I will lead you to this place and be with you there, but if you want to live and return you have only yourself to rely upon.

Many superstitions and religions are based around the nighttime hours, choosing to worship the cool moon over the garish sun. Our society refuses the moon, but we want to take you back, to show you the surreal beauty and danger of the night. We will take you back to the time of the demons and the witches, when people used the stars as guides for their travels. You will come to respect the sounds of the night and to use your ears, nose and hands to guide you more than your eyes.

Welcome again to our special world of darkness. Make sure that you are prepared for your journey. No one really ever knows what lies ahead in the darkness. "I'll see you in the graveyard lit up by the moon, beside your empty tomb, I'll see you." Look for me when the sun goes down and the moon rises and then shall you find your guide.

★ Night Walk ★

Leaders: Jenny Cosavant 969-2776, Jeff Wong 332-3617, + a few more...

Date: July 9, 1997 ★★ ★ Times: 7:30 PM - 10 PM ★★ ★ Trip #6

Location: Newton South Equipment: Field kit, boots, water, bug spray, flashlight, bandanna, appropriate clothing (check the weather), binoculars (if you have them), a 30 lb bag of rocks (just kidding), a popper scooper (just kidding again)

We're usually accustomed to doing most things in the light, but tonight, we can experience what it's like to live a nocturnal life. You may be surprised at all the differences of nocturnal animals like bats. Bats are cool because they see by using sonar and they are the only mammals that can fly. Neato. Another nifty thing that happens during the night is that the moon comes out. Do you know why we see the moon? What does it have to do with tides? Here are the exciting phases of the moon.



New moon



Waxing crescent



1st quarter



Waxing gibbous



full moon



Waning gibbous



Last quarter



Waning crescent

■ = dark
□ = light

★ ← This is a star, but what exactly is a star? A star is a mass of gas, mostly hydrogen, that releases light, heat, and radiation? Yes, it is! There are two main colors of stars, blue and red. The coolest stars burn red and the hottest ones burn blue. The closest star, with the exception of the sun, is Alpha Centauri, 26 trillion miles away from the earth. Don't get stars confused with planets! One twinkles, the other doesn't. But which one does?