



# Joey Mob Program Planner

Attendance:

/

Attendees / Total

<b>Theme</b>	Electricity / Light	<b>Meeting</b>		<b>Date</b>	
--------------	---------------------	----------------	--	-------------	--

Time	Activity	Leader	Equipment Required etc.
0.00	Opening parade:		Flag
0.05	Game: Head or Catch		A ball
0.10	Activity: Make a torch light		Batteries, wire, globe, toilet roll, paper cup, fasteners, cardboard, paperclip, tape.
0.20	Game: Catch the Lightning Bolt		A handkerchief or cloth
0.25	Activity: Static Electricity		2 balloons, hair, aluminium can, woollen fabric.
0.30	Game: Night Hunt		Torches and small plastic bugs.
0.35	Activity: Jigsaw puzzle		There are some choices attached.
0.45	Game: Spot Light		Torch
0.50	Song: Kookaburra sits in the old gum tree		The words on a sheet
0.55	Closing parade:		Flag, Prayer, notes

## General Comments

**Coming in activity:** Lacing

**This program is better done in the winter month when it is dark early.**

**There is an alternative to making a torch light included in this program.**

**Birthdays:**

**Next week:**

**Notes:**

**Coming in activity:** Lacing

**Equipment:** Lacing cards, parents

**Method:** Parents help JS to practice tying laces. A lacing card is a firm piece of cardboard in the shape of a shoe with holes punched in it to thread a shoelace through.

**Game:** Head or Catch

**Equipment:** A soft ball

**Method:** Joey Scouts stand in a circle with Leader in the middle. Leader throws a soft ball and calls either *heads* or *hands*. The Joey Scouts either hit the ball back with their head, or catch it with their hands and throw it back. A variation is to play this in reverse – that is, if the Leader calls *heads*, the Joey Scouts must catch it.

**Activity:** Make a Torch Light bulb (This activity reached me without instructions, so I googled)

**Equipment:** 2 x D batteries, 2 x 15cm pieces of #22 copper insulated wire w/ the ends stripped off, a toilet tissue roll – cut to 10cm in length, a 3 volt flashlight bulb, 2 brass fasteners, 2.5 cm x 7.5 cm cardboard strip, a paper clip, small paper cup, tape.

**Method:** Push the brass fasteners through the tube and attach the paperclip. The paperclip will act as your on/off switch. Attach a wire to each fastener on the inside of the tube. Next, tape your batteries together (+to-) and place inside the tube. Take one end of wire and secure it to the bottom of one battery's negative terminal. Take other wire and insert it through a hole in the center of the cardboard strip (the hole needs to be large enough to fit the bulb through). Then twist the wire around the bottom of the bulb and insert the bulb into the cardboard strip. This strip, when taped to the tube, will position the bulb for contact with the positive terminal on the battery. Punch a hole through the bottom of your paper cup and push the bulb through the hold. The cup will then act as your reflector. Secure with tape.

What happened? Did the flashlight work? It should have. If not, make sure your wires are connected securely.



There is a step by step video at <http://www.chromebattery.com/battery-kids/projects/build-a-flashlight>.

This could be done as a mob or maybe make two if you are a larger mob. An alternative is to light a fluorescent light globe (energy saver) with a balloon.

First you need to gather up all of the materials you will need. Below is a list of the following items needed to conduct this experiment:

- A balloon
- A fluorescent light bulb (energy saver bulb works)
- A dark room
- Parental supervision

Are you ready? Let's get started. The first thing you'll need to do is to take the fluorescent light bulb and the balloon into a dark room. Charge the balloon by rubbing it on your hair or on your sweater. You will need to rub it quickly and repeatedly to build up a lot of charge for this

experiment. Very carefully, touch the charged balloon to the light bulb. When doing this, please make sure that you have adult supervision just in case the light bulb happens to break. What happened? You should see some small sparks in the light bulb.

So how did the light bulb spark or light? When the charged balloon touched the bulb, electrons passed from the balloon to the bulb causing the bulb to emit small sparks of light. Under normal circumstances, the light bulb would receive the electrons from the electric power lines through a wire at the end of the tube. Cool, huh?

Here is another idea that you could do to change up the project a little bit and see what happens. You could try a rubber comb for this experiment rather than a balloon. Does it have the same effect on the light bulb?

**Game:** Catch the lightning Bolt

**Equipment:** 1 handkerchief or piece of blue and yellow lightning bolt material

**Method:** A player is chosen as the "IT". "IT" stands in the centre, while the others sit in a circle. The players toss a handkerchief to one another; making many false moves and gestures. The "IT" must touch the handkerchief while in the air. If he does so, the last to throw becomes "IT". The passing cannot be delayed.

**Activity:** Static Electricity

**Equipment:** 2 inflated balloons with string attached, your hair, an aluminium can, woollen fabric.

**Method:** Rub the 2 balloons one by one against the woollen fabric, then try moving the balloons together, do they want to or are they unattracted to each other? Rub 1 of the balloons back and forth on your hair then slowly it pull it away, ask someone nearby what they can see or if there's nobody else around try looking in a mirror. Put the aluminium can on its side on a table, after rubbing the balloon on your hair again hold the balloon close to the can and watch as it rolls towards it, slowly move the balloon away from the can and it will follow.

**Explanation:** What's happening?

Rubbing the balloons against the woollen fabric or your hair creates static electricity. This involves negatively charged particles (electrons) jumping to positively charged objects. When you rub the balloons against your hair or the fabric they become negatively charged, they have taken some of the electrons from the hair/fabric and left them positively charged.

They say opposites attract and that is certainly the case in these experiments, your positively charged hair is attracted to the negatively charged balloon and starts to rise up to meet it. This is similar to the aluminium can which is drawn to the negatively charged balloon as the area near it becomes positively charged, once again opposites attract.

In the first experiment both the balloons were negatively charged after rubbing them against the woollen fabric, because of this they were unattracted to each other.

**Game:** Night Hunt

**Equipment:** Torches and small plastic bugs

**Method:** Before the Joeys arrive, hide the small plastic bugs in the play area. Each Joey is to take their torch and they all hunt bugs. The more bugs hidden the better.

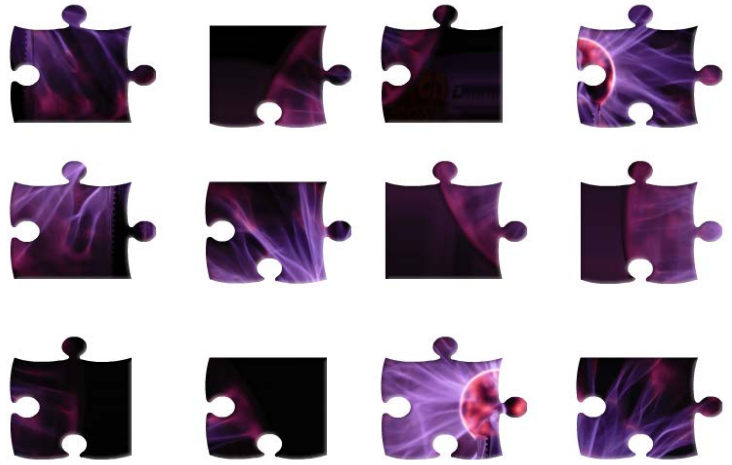
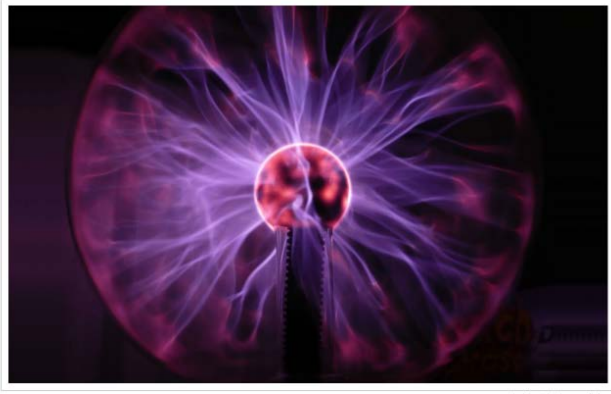
**Activity:** Jigsaw puzzle

**Equipment:** Jigsaw pieces and a picture to help them work it out

**Method:** You have a couple of choices here: you can either have a couple of jigsaw cut out and have the JS in teams do the jigsaw as the activity. You may wish the JS to cut out their own pieces (they would of course be larger than the one below for the JS to cut out. Another alternative is to make each piece the size of an A4 sheet of paper and let the mob try and work out the giant puzzle as a team.

I found this puzzle as part of an interactive worksheet for year 1 students so should be suitable for JS.





**Game:** Spot Light

**Equipment:** Torch

**Method:** The leader stands at the front of the hall facing the wall. With the lights out the Joeys are to tip toe around the room. The leader will turn quickly if their light is on you, you are out.

**Song:** Kookaburra Sits in the Old Gum Tree

**Equipment:** The words written out on a sheet

**Method:** Read through once and sing through once.

#### **Kookaburra Sits in the Old Gum Tree**

Kookaburra sits on the old gum tree,  
Merry merry king of the bush is he.  
Laugh, Kookaburra, laugh, Kookaburra,  
Gay your life must be!  
Kookaburra sits on the old gum tree,  
Eating all the gum drops he can see.  
Stop Kookaburra, stop Kookaburra  
Save some there for me!  
Kookaburra sits on the old gum tree,  
Counting all the monkeys he can see.  
Laugh Kookaburra, laugh Kookaburra  
That's not a monkey, that's me!

#### **Alternative verses**

Kookaburra sits on the electric wire,  
Jumping up and down, with his pants on fire.  
Ouch, Kookaburra, ouch! Kookaburra,  
Hot your tail must be!  
Kookaburra sits on a rusty nail,  
Gets a boo-boo in his tail.  
Cry, Kookaburra, cry, Kookaburra,  
Oh how life can be!  
Kookaburra sits on the old gum tree,  
Eating all the gum drops he can see.  
Laugh Kookaburra, laugh Kookaburra  
Gay your life must be!

**An Alternative Activity is a visitor:** An electrician: someone with a truck for the JS to see and learn about what an electrician does is good. 5 minutes of their time is all you need. Just check amongst your parents and families in the group. You don't know if you don't ask.

#### **An Alternative Activity:** Shadow puppets

**Equipment:** A torch and a darked hall

**Method:** Shine the torch on the wall and the JSs take turns to make shadows with their hands. Samples of shadow puppets and how to make them below.



REINDEER



CHAMOIS



CAMEL



HOUND



GOOSE



WOLF



GOAT



ELEPHANT



HARE



TEDDY BEAR



OX



DOG



BUTTERFLY



DONKEY

