## **CSI - Cub Scouts Investigate**

- 6:30pm Opening Parade
- 6.35pm Game Police, Court, Jail

Rules are the same as Ship, Shore, Deck, however the instructions are replaced by things such as Police (Headquarters), Court, Jail, On the Run (instead of climb the rigging), Drive the getaway car (instead of man the life boats), Policy Line Up (instead of Captain is coming aboard). Make up other actions as you go.

6:50pm Watch 'Found Mobile Phone Footage' (All Leaders)

Prior to the start of the night, make sure all Leaders know their roles. The Mobile Footage is in fact the Leaders acting out what happened in front of the Cubs.

Kaa is the Leader who is to be poisoned. Mowgli is the Leader who did the poisoning. Chil is the owner of the backpack with the lollies in it. Raksha tried to lead Kaa away from the scene with the encrypted note as she suspected that someone might be out to get Kaa. Rama is the Leader in Charge of the Hike

Note: All of the Leaders have a backpack with their name on it. Lollies and a candle are to be placed in the one marked as belonging to Chil

### Scene:

Rama & Mowgli walk into the Hall and sit down. Kaa then walks in with some papers in his hand. He looks around and goes over to sit next to Rama & Mowgli. Finally Chil arrives and joins the other three. Rama announces that they should build a cooking fire. They all put their backpacks in a pile, and Rama grabs the papers that were in Kaa's hands and screws them up to help start the fire.

Rama asks: "Does anyone have any matches?? Mowgli: I'll have a look. (Mowgli goes looking in the bags for some (this is where she 'swaps the lollies in Chil's bag) Mowgli: No sorry, Baloo must have them

(Rama)

Rama: Well we will just have to wait until he gets here. Mowgli: Has anyone got anything to eat? Chil: I have some lollies, would you like some? Kaa: Aw yeah, I'd love some (Chil goes and gets the lollies, shares them round, all take one, Kaa eats his) Just then, Raksha & Baloo rush in and shout "No don't eat the lollies, they are poisoned!!!! Kaa grabs his throats and collapses

Akela now explains that she arrived on the scene and took care of the evidence, and is now turning over the case to the cubs.

7:00pm Into the Lab (Round Robin – 10mins each)

Cubs are to note the clues that they find after each base.

#### Activity One - Poisons

On a table, place 4 glasses of water. In a bag marked evidence there are a number of the so called poisoned lollies. These are in fact pieces of bath bomb that you have wrapped to look like lollies. The Cubs take one of the wrapped Lollies from the evidence bag and place it in the first glass. Naturally it will bubble and fizz.

The cubs then take samples of three other substances that you have also placed on the table to see which one has the same reaction. Each substance is labelled as a different poison. Sugar will be labelled as Arsenic and will do nothing when placed in the water. Flour will be labelled as Hemlock and will turn the water a cloudy colour but will not bubble or fizz, whilst the crushed up bath bomb will be labelled as cyanide and will produce the right reaction.

(Note – for a bigger reaction – only if doing this outside, the lolly could be a "Mentos Brand Mint Lolly placed in a bottle of Diet Coke. Warning, this reaction will reach a height of about 1 metre.)

#### Activity Two – Encryption

Prepare the note before hand by writing the secret code with the edge of a candle. The code should read:

(11) 1 1 (13) 5 5 (20) (13) 5 1 (20) (13) 8 5 3 1 (13) (16) 6 9 (18) 5 - R

R is in plain text so the cubs can see who wrote it

The code reads:

KAA MEET ME AT THE CAMPFIRE - R

To reveal the secret code, the paper can be sprayed with water, or the cubs can use coloured pencil to shade over the note to reveal the wax numbers

<u>Activity Three – Finger Prints</u>

Using the Comparison Sheet, have the Cubs compare the fingerprints found on Kaa, to those already on file in the Police Database. Use magnifying glasses for more accurate analysis.

Finally, the Cubs go and examine each bag to find the one that has a Lolly in it. This bag also contains the candle that wrote the secret note.

7:30pm All come back together. Akela asks cubs to tell her the evidence they have found, whilst the leaders in the "video" sit in the interview rooms (5 chairs are set up with the cubs on the floor in front).

Akela then runs the Cubs through the evidence and leads the questioning of the suspects. Questions to be asked:

Chil - Did the 'poisoned' lollies match the ones she supposedly had in her bag?

(Answer – no, they were meant to be toffee, they do not look the same at all).

Chil - So how did they come to be in your bag?

(Answer - I don't know. Someone must have swapped them).

Rama - What did you mean by 'Meet me at the camp'

(Answer – I didn't write the note. All it says is R, that could be Raksha...) Raksha – Did you write the note?

(Answer - That's right it was me, that is because I was trying to warn him that he was in danger, but that wasn't what I wrote at all...)

Raksha - so why did you write it in invisible ink?

(Answer - I didn't. I found my note when I got there (shows original note which in fact says - 'KAA YOU ARE IN GREAT DANGER, MEET ME AT THE CABINS- RAKSHA' Rama – Why were you trying to burn the note on the Camp Fire? (Answer – I didn't know it was a note, I was just going to use it light the fire) Raksha - Why did you arrive late then? (Answer - I waited at the cabin for ages, but he didn't show up so I went looking. Raksha - Can anyone vouch for that? Baloo - I can. I went back to the cabin to get the matches and found her waiting there, so together we went looking for Kaa. Baloo - How did you find them? (Answer - We followed these lolly wrappers (show a wrapper)). Chil - Are these the lollies you thought you had? (Answer - Yes those are the ones). Akela now asks the Cubs if they remember anyone tampering with the backpacks? (The Cubs should remember Mowgli had done so, looking for the matches) Akela - That's right, and didn't you say that they were Mowgli's fingerprints you found on the body

- 7.50pm Final Vote from Cubs on who was responsible for poisoning Kaa & arrest of Mowgli
- 7:55pm Closing Parade

(Baloo)

My name is \_\_\_\_\_\_ I am in group \_\_\_\_\_\_

## Who Dunnit?

One of the Leaders has been poisoned whilst out on a Hike. A video was found on one of the suspects mobile phones and Detective Akela is going to show it to you now. Pay close attention, as you are the prime investigators on the case. After watching the footage, fill in your answers to the questions below:

Who was the victim?

How many backpacks were there?

Who were the leaders present and therefore our suspects?

Who arrived later than everyone else?

How many leaders went to eat the lollies? \_\_\_\_\_

Now you have seen the Video, who do you think did it? \_\_\_\_\_

## At the Lab?

A leader has been poisoned, and it is up to your group to solve the mystery. Fill in the information below to piece together the clues!

Enter the Lab

Activity 1: Poisons!

The leader appears to have been poisoned by a lolly! As a team you are now going to compare the lolly to the three most likely poisons used!

Carefully take out one lollies (making sure that you are wearing gloves).

Dissolve the mystery poison into the water and watch what happens. Now dissolve each of the sample poisons contained in the bottles provided. The one with the same reaction was the poison used in the murder

Tick the poison used!

Bottle 1 – Arsenic	Bottle 2 – Hemlock	Bottle 3 - Cyanide

Now we need to take a look at the backpacks. You will note that each one has a name. Check inside for the one that has lollies in it.

Who's bag has the lollies?

Activity 2: Cryptology!

The murderer has left you a secret message written in invisible ink! How do we find out what it says.

Try holding the paper up to the light - does that reveal the message?

Try using the hairdryer to heat the message - does that reveal the message?

Using the cipher below, try to crack the code!

А	В	С	D	Е	F	G	Н	I	J	K	L	М
1	2	3	4	5	6	7	8	9	10	11	12	13

N	0	Р	Q	R	S	Т	U	V	W	Х	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

What does the message say?

Who signed the message? \_\_\_\_\_

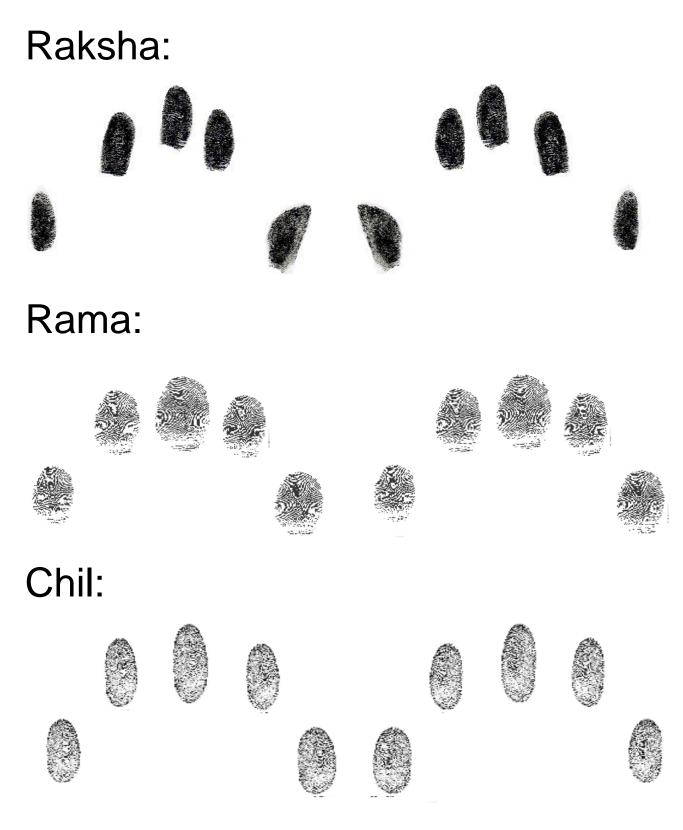
## Activity 3: Fingerprints!

Below are the fingerprints Detective Akela collected from the body. Use the magnifying glass to compare the fingerprints below to the Leader Profiles.



Which leader profile matches these fingerprints?

**Fingerprint Comparison Table** 





# Mowgli:

