


DECODING LIFE-ALL ABOUT DNA



Material list to be kept ready for the workshop

Sl. No	MATERIAL LIST	Quantity
<u>EXPERIMENT: DNA MODEL</u>		
1	Ear Buds/ Wooden sticks 	10
2	Permanent marker (four different colours)	4
3	A4 Sheet	2
4	Cellotape	1
5	Scissors	1
<u>EXPERIMENT: DNA EXTRACTION</u>		
1	peeled ripe banana (you can also use orange or other fruit)	1
2	hot water	1 cup
3	salt	2 tbsp
4	Liquid dishwashing soap (Vim or any other)	1 tbsp
5	very cold rubbing alcohol (isopropyl alcohol) placed in freezer ahead of time	1 cup
6	Tissue paper/Filter paper	1
7	Spoon(To stir)	1
8	A transparent glass (drinking glass)	1
<u>EXPERIMENT: INVESTIGATE ALIEN DNA</u>		
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1	A4 sheets (of different colours)	
2	Glue	1
3	Notebook	1
4	Pencil/Pen	1
5	Eraser	1
6	Ruler	1
<u>EXPERIMENT: FINGERPRINT INHERITANCE</u>		
1	Cellotape	1
2	A4sheet (White)	1
SL NO.	EXTRA MATERIALS	Quantity
1	Wiping cloth	1
2	A mat or a sheet to spread	1