

## Activity-39: Observing different seeds

### Tasks:

Try to collect as many different types of seeds as possible. Don't forget to include the ones in our diet. Some the seeds which you must have are already tabulated below:

### Requirements:

A hand lens, pliers, blades and thin semi-transparent paper.

Toor dal(pigeon pea)	Urad dal (black gram)	Channa dal (chick pea)	Rice grain
Wheat grain	Bobbarlu (cow pea)	Batani (Green peas)	Masoor dal
Moong Dal (green gram)	Rajma Dal (kidney beans)	Soya bean	Round bean
Flat beans	Pumpkin seeds	Cucumber	Bitter gourds
Bottle gourd	Snake gourd	Dosakaya	Ivy gourd
Tomato	Brinjal	Okra	Chilli
Cucumber	Corn	Cumin	Fenugreek
Mustard	Nutmegs	Chilli	Capsicum
Lemon	Orange	Watermelon	Banana
Papaya	Grapes	Pomegranate	Mango
Apple	Guava	Figs (anjura)	Dates
Almonds	Cashew nuts	Pista	Poppy
Coriander	Curry plant	Black pepper	Tridax (gaddi chamanthi)
Sapodilla	Cardamom	Pea nuts	Coconuts

beetle nuts	Amla	Jack fruit	Keep adding to this list ...
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**Describe a seed using the set of characters tabulated in the below table:**

Characters	Seed-1	Seed-2	Seed-3...
hard, soft or spongy			
Single coloured/multi coloured			
How many colours?			
Does it smell?			
Is it slippery?			
Surface smooth and plain?			
Rugged and smooth?			
Rough and jagged			
Any fibres?			
Round/oval or cylindrical			
Is it disc shaped?			
Does it float or sink in water?			
Can it stay in air...fly?			
How many cotyledons?			
What is the taste: bitter, sweet, no taste or salty?			
Is it poisonous?			
Is it inside a fleshy fruit or naked?			

Is it eaten by humans?			
Is it eaten raw or only after cooking?			
Size in mm or cm			
If you crush the seed and rub it on a paper, does it blot and make the paper more transparent? Does the seed have oil?			