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| Class 2 |
| Subject: General Science |
| Chapter2 : Plants Give Us Food |
| LO:  Identify the parts of the plants that we eat |
| Word count: 300 |

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| No. | Graphic Description | TOS | Audio |
|  | Show below image:  [https://www.shutterstock.com/image-vector/spring-landscape-garden-green-grass-flowers-1897969057](about:blank)  Add below items:  Tomato plant: show underground roots.  [https://www.shutterstock.com/image-vector/tomato-plant-root-under-ground-776888791](about:blank) |  |  |
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|  | **Instructions for animator :**    **Show Lata standing in the garden and talking. Pan the camera to show the garden in sync with audio.**    [https://www.shutterstock.com/image-vector/indian-school-girl-uniform-color-has-1123895906](about:blank) |  | Hi! I am Lata and this is my garden! I like to take care of plants around me and these give me many things to use. |
|  | **Instructions for animator :**  **Transition screen and keep a tree in the center and around the tree show the labels in the circle just around the tree as shown below:**      [https://www.shutterstock.com/image-vector/neem-tree-illustration-vector-art-1968275812](about:blank)  (tree) | <TOS>  Plants give us fresh air, shade and food.  <label>  Fresh air  Shade  Food | Few of these things are fresh air, shade, and above all, food. |
|  | **Instructions for animator :**  **Transit the screen and show the tomato plant on full screen mode to show its parts.**    Roots  Stem  Leaves  Flower  Fruit  [https://www.shutterstock.com/image-vector/tomato-plant-root-under-ground-776888791](about:blank)  (Tomato) | <label>  Roots  Stem  Leaves  Flower  Fruit  <TOS>  We eat certain parts of certain plants. | Most of the plants have roots, stems, leaves, flowers, and fruits. But we only eat certain parts of certain plants. |
|  | **Instructions for animator :**  **Transit and show the given plants with the help of an**  **info graphics.**    [https://www.shutterstock.com/image-vector/bunch-fresh-spinach-close-green-raw-379560163](about:blank)    (spinach )  (remove text)  [https://www.shutterstock.com/image-vector/fresh-mint-branches-isolated-on-white-1353467294](about:blank) (mint)    [https://www.shutterstock.com/image-vector/white-cabbage-vector-illustration-1228547125](about:blank)    (cabbage)  Mustard plant, food green grasses herbs and plants collection, realistic vector illustration  [https://www.shutterstock.com/image-vector/mustard-plant-food-green-grasses-herbs-1954229428](about:blank) (mustard) | **Screen Heading : We Eat Leaves of Some Plants**  <label>  Spinach  Mint  Cabbage  Mustard  <TOS>  We eat leaves of these plants. | As an example,  Some plants have food stored in their leaves.  we eat the leaves of spinach, cabbage, mustard, and mint. These leaves are good for our health. |
|  | **Instructions for animator:** **Use the previous info graphics and show given vegetables with labels.**  Set of different vegetables potatoes isolated on white background. Autumn harvest. Vector illustration  [https://www.shutterstock.com/image-vector/set-different-vegetables-potatoes-isolated-on-161575862](about:blank)    (potato)  Realistic red onion whole bulb, slices mix. Fresh natural food for product package, menu design. Vector ripe sliced onion for healthy cooking. Natural and vegetarian dieting.  [https://www.shutterstock.com/image-vector/realistic-red-onion-whole-bulb-slices-1368625337](about:blank)  (onion)  Photo realistic garlic isolated on white background. Vector illustration. 3d game icon  [https://www.shutterstock.com/image-vector/photo-realistic-garlic-isolated-on-white-1066934705](about:blank)    (garlic)  [https://www.shutterstock.com/image-vector/set-fresh-ginger-root-on-white-1740814688](about:blank)  (ginger) | **Screen Heading : We Eat Stems of Some Plants**  <label>  Potatoes  Ginger  Onions  Garlic  <TOS>  We eat stems of these plants in the form of vegetables. | However, some plants store food in their stems.  We eat stems of some plants in the form of vegetables such as potatoes, ginger, onions, and garlic. |
|  | **Instructions for animator:**  **Transit and show Lata is talking in the garden .Later blurr the background and show the given vegetables just next to Lata by popping up small windows.**  Carrot. Image of a ripe carrot. Vitamin vegetable. Organic food. Orange carrots. Vector illustration isolated on a white background  [https://www.shutterstock.com/image-vector/carrot-image-ripe-vitamin-vegetable-organic-2161329463](about:blank)  (carrot)  [https://www.shutterstock.com/image-vector/set-white-radish-leaves-1777838870](about:blank)  (radish)  Turnip Vegetable vector illustration with Green leaves and round slices of turnip vegetable  [https://www.shutterstock.com/image-vector/turnip-vegetable-vector-illustration-green-leaves-1512939038](about:blank)  (Turnip ) | **Screen Heading : We Eat Roots of Some Plants**  <label>  Carrots  Turnips  Radishes  <TOS>  We eat roots of these plants as vegetables. | Have you ever eaten the roots of a plant?  You might not be aware that carrots, turnips, radishes, have food stored in their roots and we eat these roots too as vegetables. |
|  | **Instructions for animator:**  **Transit and show Lata is talking in the garden and pan the camera from Lata to tomato plant. Just like the previous shot, keep the tomato plant in focus and given fruits and vegetables just next to tomato plant in small popping up windows.**  Red apples illustration. Low poly, simple shapes style. Isolated on a white background. Vector.  [https://www.shutterstock.com/image-vector/red-apples-illustration-low-poly-simple-1706729848](about:blank)    (apple )  Bunch of bananas isolated on white. Vector illustration.  [https://www.shutterstock.com/image-vector/bunch-bananas-isolated-on-white-vector-132220748](about:blank)  (banana)  <https://www.shutterstock.com/image-vector/lady-finger-okra-illustration-vector-1392588599>  eggplant, or guinea squash  [https://www.shutterstock.com/image-vector/eggplant-guinea-squash-91370063](about:blank)  (Brinjal) | <label>  Apples  Banana  Brinjal | Some plants have food stored in fruits.  Apples  Banana  Ladyfinger  and  Brinjal are fruits of plants. |
|  | **Instructions for animator:** **Continue with the previous screen and build the TOS in sync with audio .Highlight apple and banana with audio fruits and Ladyfinger, Brinjal with audio vegetables in sync with audio.** | **Screen Heading : We Eat Fruits of Some Plants**  <label>  Fruits  Vegetables  <TOS>  These plants have food stored in their fruits. | we eat these as fruit and vegetables. |
|  | **Instructions for animator:** **Continue the previous shot .Later blur the background and show the given vegetables just next to Lata by popping up small windows.**  Carrot. Image of a ripe carrot. Vitamin vegetable. Organic food. Orange carrots. Vector illustration isolated on a white background  [https://www.shutterstock.com/image-vector/carrot-image-ripe-vitamin-vegetable-organic-2161329463](about:blank)  (carrot)  [https://www.shutterstock.com/image-vector/set-white-radish-leaves-1777838870](about:blank)  (radish)  Turnip Vegetable vector illustration with Green leaves and round slices of turnip vegetable  [https://www.shutterstock.com/image-vector/turnip-vegetable-vector-illustration-green-leaves-1512939038](about:blank)  (Turnip ) | **Screen Heading : We Eat All Parts of Some Plants**  Carrot  Radish  Turnip | We can all the parts of Carrot, Radish, and Turnip. |
|  | **Instructions for animator:** **Transit and show Lata is talking in the garden and show cauliflower and broccoli in the garden.** **Replace carrot plants with broccoli in the same shot. Show close-up of both in the given garden shot.**  White fresh cauliflower, cabbage on white background, healthy food, vegetables vector icon.  <https://www.shutterstock.com/image-vector/white-fresh-cauliflower-cabbage-on-background-1725731803>  (cauliflower)  Fresh broccoli icon. Realistic illustration of fresh broccoli vector icon for web design  https://www.shutterstock.com/image-vector/fresh-broccoli-icon-realistic-illustration-vector-1204173349 (broccoli) | **Screen Heading : We Eat Flowers of Some Plants**  <label>  Cauliflower  Broccoli  <TOS>  Cauliflower and broccoli have food stored in their flowers. | Can we eat the flowers of plants?  Cauliflower and broccoli have food stored in their flowers that can be eaten as vegetables. |
|  | **Instructions for animator:** **Transit and show the given images by using info graphics. Pulses (All examples) and cereals (All examples) should be shown separately in two groups on single screen. Highlight pulses and cereals in sync with audio.**  Set of bag of beans, Black turtle beans,White beans,Soybeans,Black eyes peas,Kidney beans,Mung beans.  [https://www.shutterstock.com/image-vector/set-bag-beans-black-turtle-beanswhite-1516247063](about:blank)  Sack of rice isolated on white. Vector illustration in flat style. Rice harvest concept. (remove text)  [https://www.shutterstock.com/image-vector/sack-rice-isolated-on-white-vector-1172512714](about:blank)  (rice)  Vector realistic bag with purified wheat grains, barley with wheat ears isolated on white background. Design element. Bread and harvest theme. Food and feed. 3d illustration.  [https://www.shutterstock.com/image-vector/vector-realistic-bag-purified-wheat-grains-1044084844](about:blank)    (wheat ) | **Screen Heading : We Eat Seeds of Some Plants**  <label>  Pulses  Cereals  -Rice  -Wheat | You must have seen pulses and cereals at your home.  These are the seeds of plants. |
|  | **Instructions for animator:** **Show cereals then add an arrow and then show flour sac. Show on full screen mode.**  [https://www.freepik.com/free-vector/rice-grain-illustration\_6203169.htm#query=rice&position=0&from\_view=search&track=sph](about:blank#query=rice&position=0&from_view=search&track=sph) (rice)  [https://www.freepik.com/free-vector/ripe-wheat-plant-harvested-heads-grain-decorative-health-benefits-advertizing-poster\_2868841.htm#query=wheat%20seed&position=4&from\_view=search&track=sph](about:blank#query=wheat%20seed&position=4&from_view=search&track=sph) (wheat )  [https://www.shutterstock.com/image-vector/bag-flour-cartoon-style-isolated-on-1954004038](about:blank) (flour sac ) | <label>  Cereals  Flour | Cereals are ground into flour to make bread. |
|  | **Instructions for animator:** **Show Riddhi standing below the mango tree in the garden. Transit and keep oil bottle in the middle and show all images with respective labels around the bottle.**    [https://www.shutterstock.com/image-vector/mustard-oil-glass-bottle-drop-isolated-1810946350](about:blank)  (Oil bottle)  Mix organic nuts with almond, pistachio, cashew, peanut and pumpkin seeds in wooden bowl isolated on white background. Icon vector illustration.  [https://www.shutterstock.com/image-vector/mix-organic-nuts-almond-pistachio-cashew-1991376248](about:blank)  (nuts)  A Wooden Bowl full of Red mustard seed with yellow flower and green leaf  [https://www.shutterstock.com/image-vector/wooden-bowl-full-red-mustard-seed-2191694939](about:blank) (mustard seeds)  Sunflower seeds in wooden spoon, blooming sunflower with green leaves and heap of unpeeled seeds isolated on white background. Vector illustration of healthy food in cartoon simple flat style. (remove text )  [https://www.shutterstock.com/image-vector/sunflower-seeds-wooden-spoon-blooming-green-1486784480](about:blank) (sunflower seeds)  3D realistic isolated vector set of whole coconut, coconut halves and palm leaves  [https://www.shutterstock.com/image-vector/3d-realistic-isolated-vector-set-whole-1215839641](about:blank)  (coconut)  reference image for info graphics : | <label>  Oil  Nuts  Mustard seeds  Sunflower seeds  Coconut  <TOS>  We get oil from the seeds of these plants. | Additionally, we get oil from the seeds of ground nuts, mustard, sunflower, and coconut. |
|  | **Instructions for animator:** **Transit and show image on full screen mode**  Cup of tea  <https://www.shutterstock.com/image-vector/cup-tea-140412001> | <label>  Tea leaves | Leaves of tea are used to prepare drinks. |
|  | [**https://www.shutterstock.com/image-photo/espresso-cup-coffee-beans-1470808139**](https://www.shutterstock.com/image-photo/espresso-cup-coffee-beans-1470808139)  espresso cup and coffee beans  **Instructions for animator:** **Transit and show image on full screen mode.** | <label>  Coffee seeds | Coffee seeds are also used to prepare some drinks. |
|  | **Instructions for animator:** **Transit and show Lata is talking in the garden** |  | You have learned about different plants and their different edible parts.  So, which plant parts have you eaten today? |
|  | <Summary screen >  **Instructions for animator**: **Show the text using the given smart art.** | * Leaves   -Spinach  -Mint  -Cabbage  - Mustard   * Stems   -Potatoes  -Ginger  - Onions  -Garlic   * Roots   -Carrots  -Turnips  -Radishes   * Fruits   -Apples  -Banana  - Tomatoes  -Brinjal   * Flowers   -Cauliflower  - Broccoli   * Seeds   -Pulses  -Cereals   * All parts   -Radish  -Turnip  -Onion | Here are the different parts of the plants that we eat. |