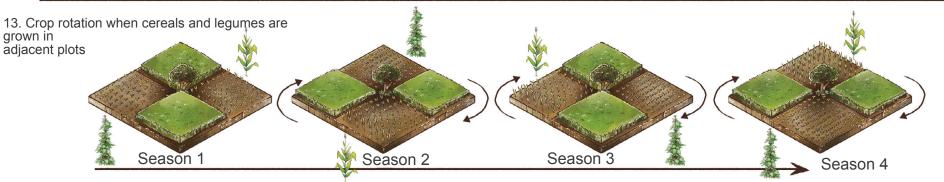
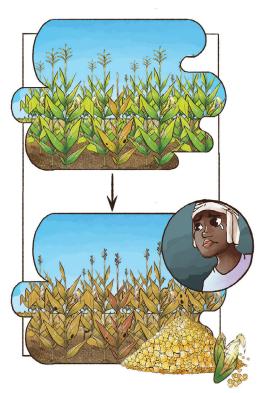


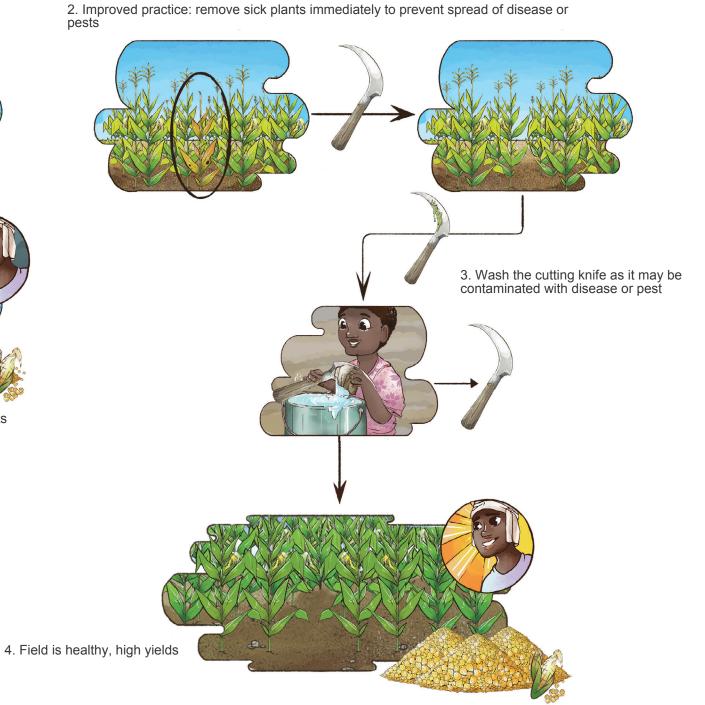
12. Repeat roatation



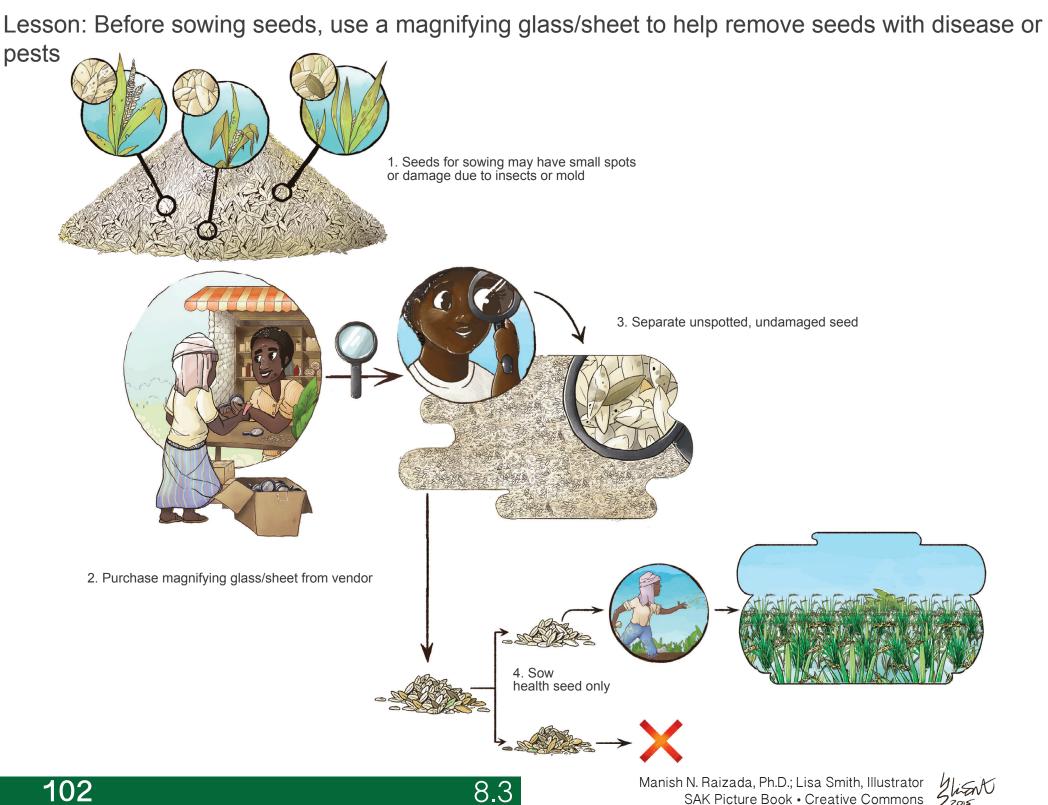
Lesson: Constantly visual inspect fields for sick plants and remove them in order to improve the health of the field



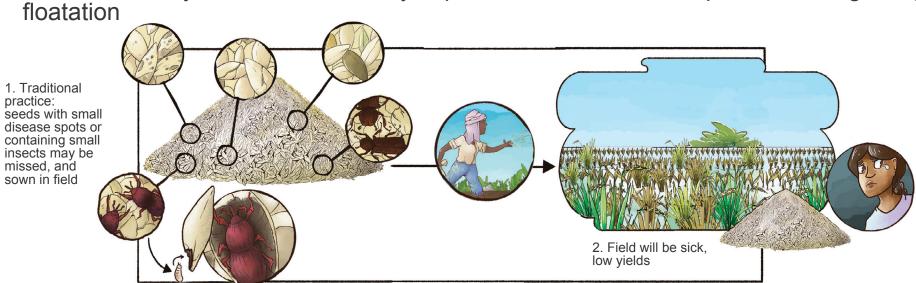
1. Traditional practice: sick plants are allowed to remain in field. Many plants become sick, low yields

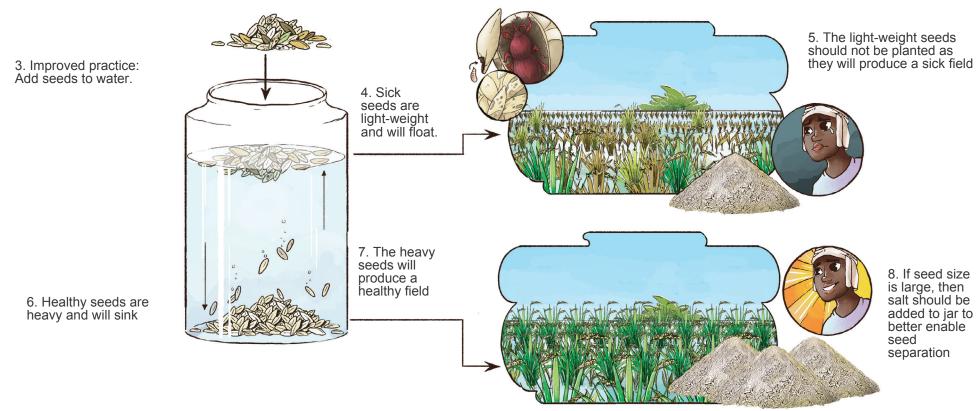


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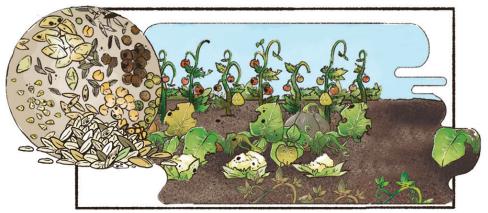
Lesson: Healthy seeds can be easily separated from sick seeds prior to sowing using water



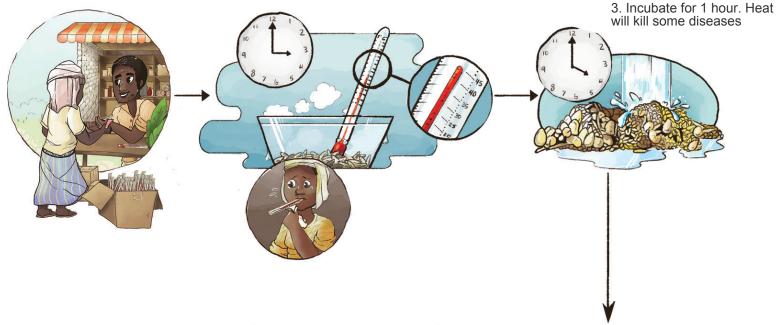


SliSON





2. Improved practice: Purchase a thermometer from a vendor, then add water pre-heated to 45°C to seeds



5. Be careful: excess temperature or time will kill seeds.

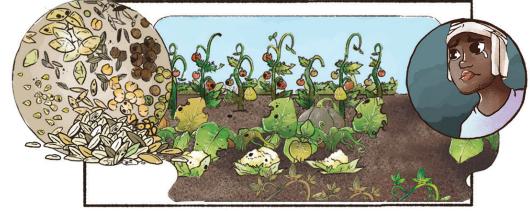


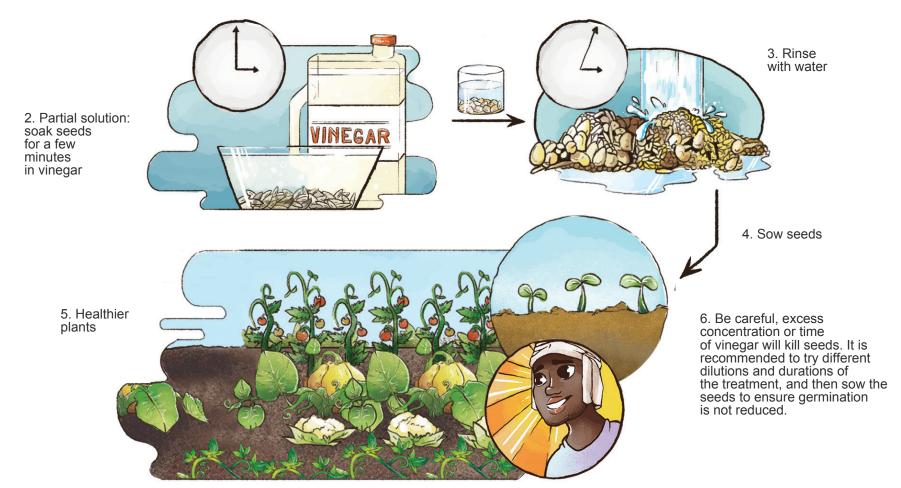
4. Vegetable garden may be healthier but if the water temperature is too high, then seeds will be damaged

Lesson: Instead of spraying chemical pesticide or biopesticide in the field, it is less expensive and less labour to initially

remove pests and disease from seeds before sowing, using vinegar.

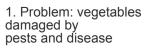
1. Problem: vegetables damaged by pests and disease

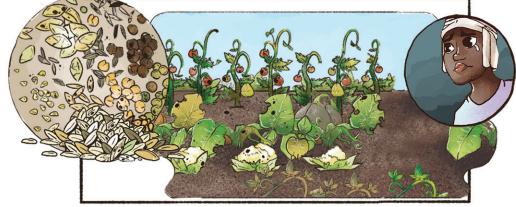


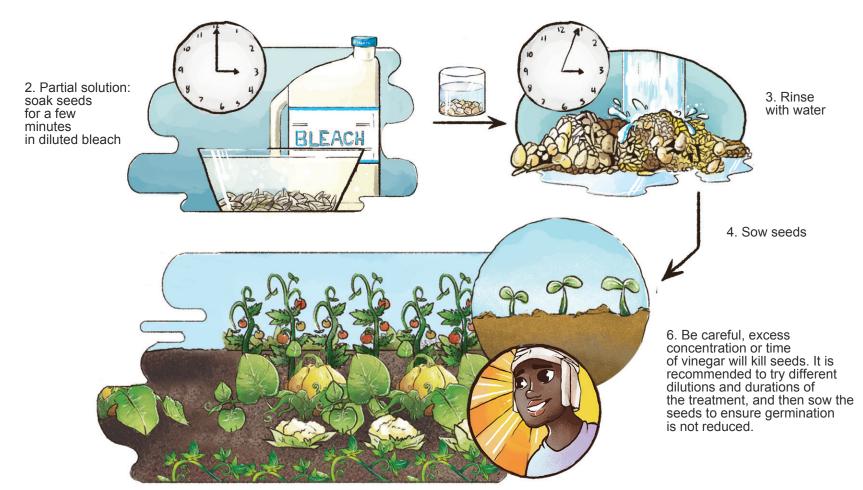


Lesson: Instead of spraying chemical pesticide or biopesticide in the field, it is less expensive and less labour to initially

remove pests and disease from seeds before sowing, using diluted bleach.



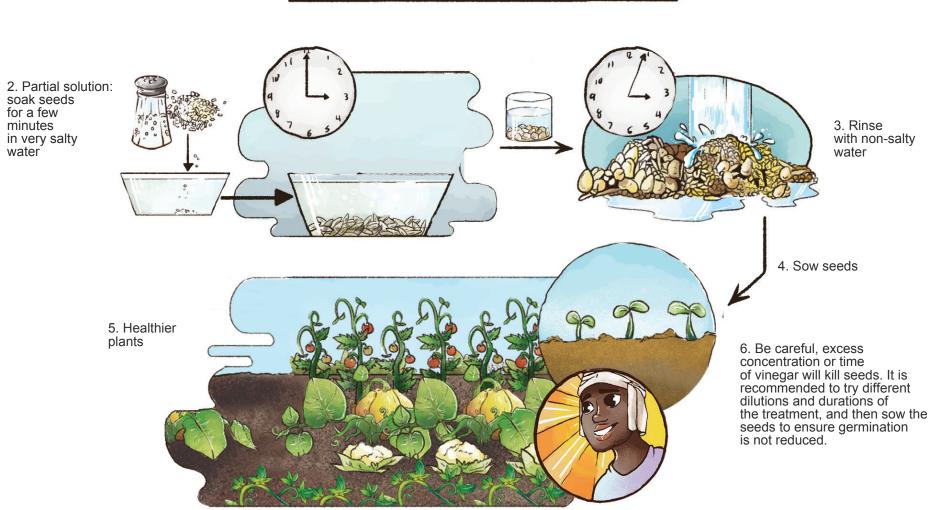




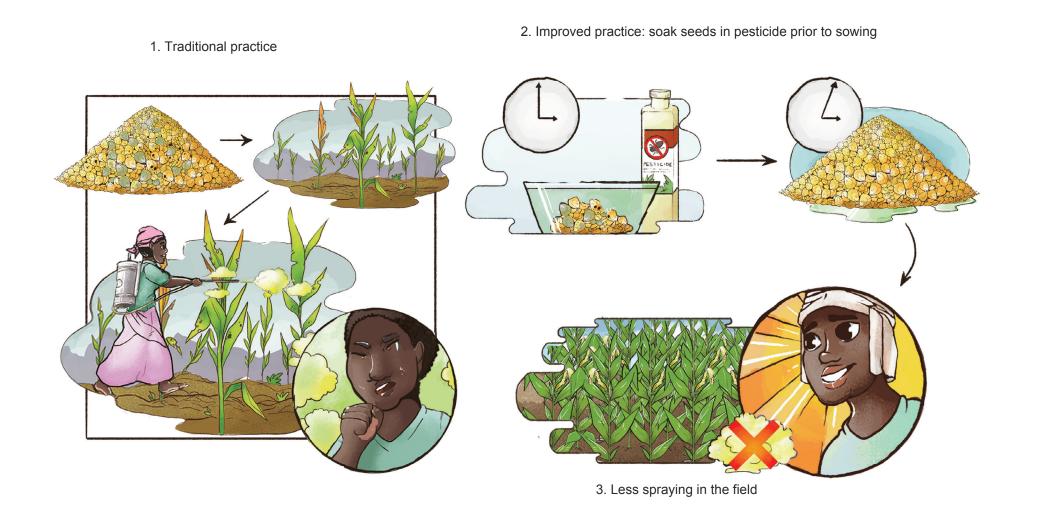
Lesson: Instead of spraying chemical pesticide or biopesticide in the field, it is less expensive and less labour to initially

remove pests and disease from seeds before sowing, using salty water.



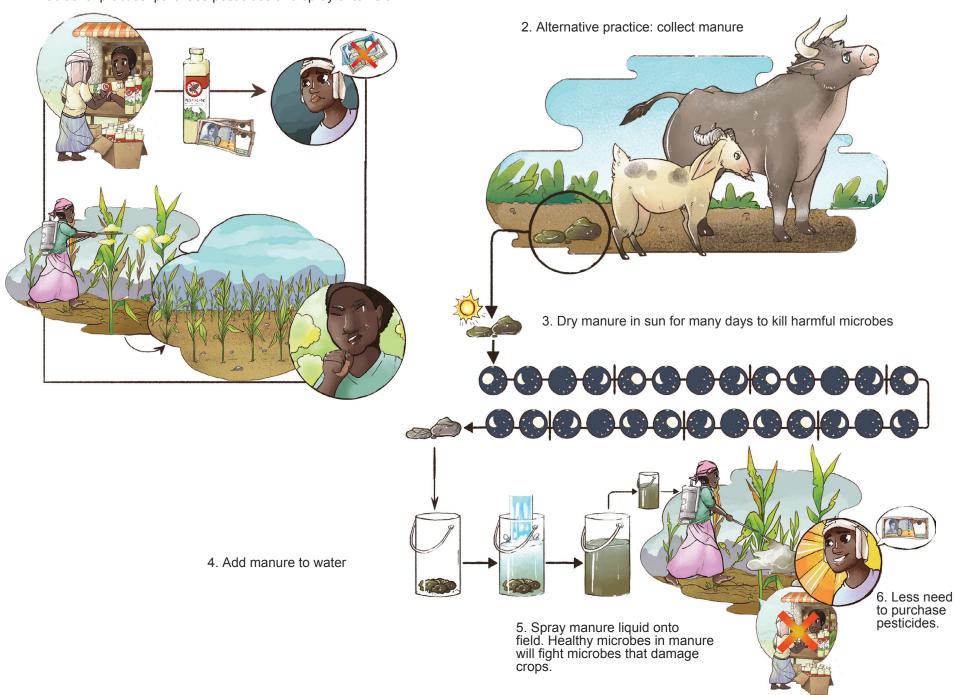


Lesson: Instead of spraying chemical pesticide or biopesticide in the field, it is less expensive and less labour to coat seeds with these chemicals before sowing



Lesson: Manure that is soaked in water can be sprayed onto crops to fight crop disease

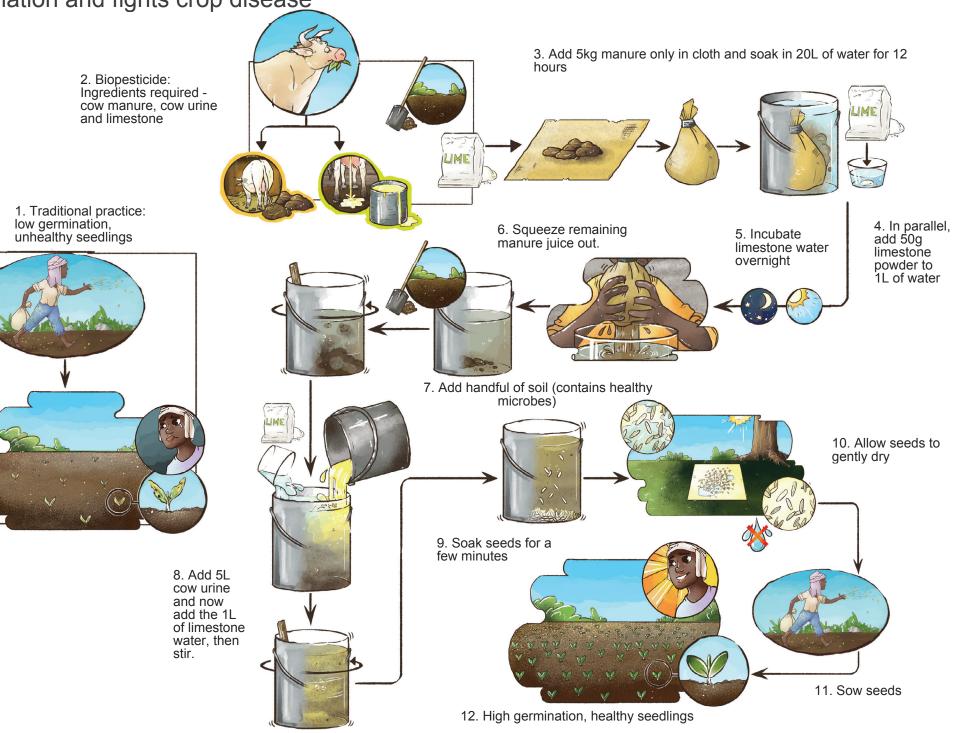
1. Traditional practice: purchase pesticides and spray onto field



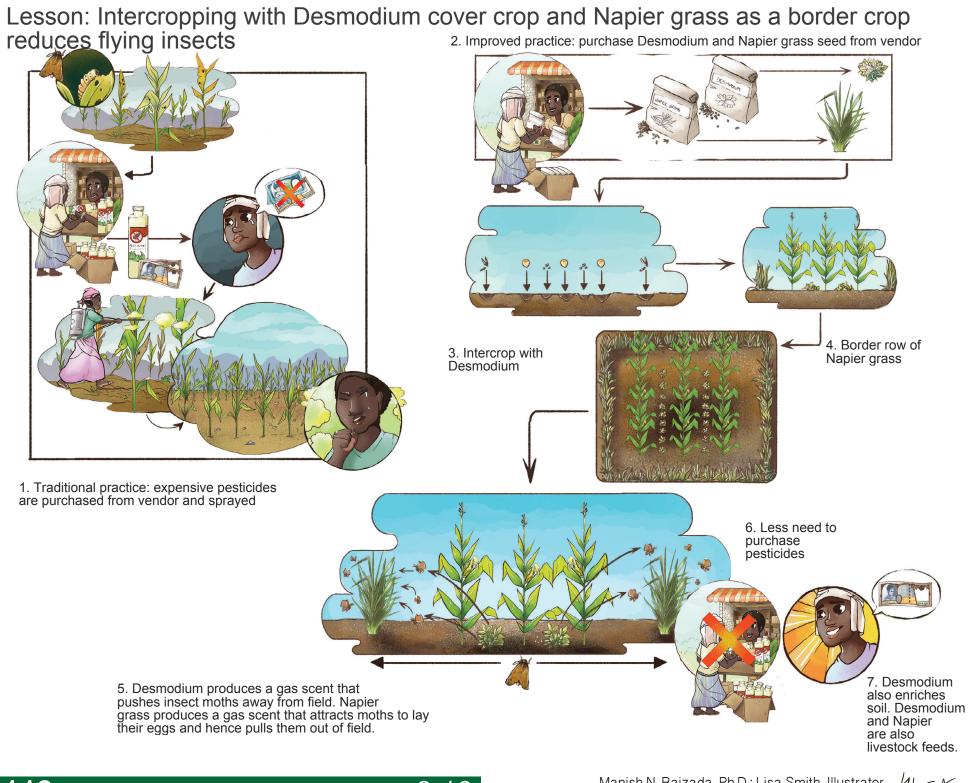
Lesson: Manure soaked in water can be added to seeds before sowing to fight crop disease

1. Traditional practice: purchase pesticides and spray onto field 2. Alternative practice: collect manure 3. Dry manure in sun for many days to kill harmful microbes 4. Add manure to water 6. Less need to purchase pesticides. 5. Soak seeds in the diluted manure. Healthy microbes in manure will fight microbes that damage crops.

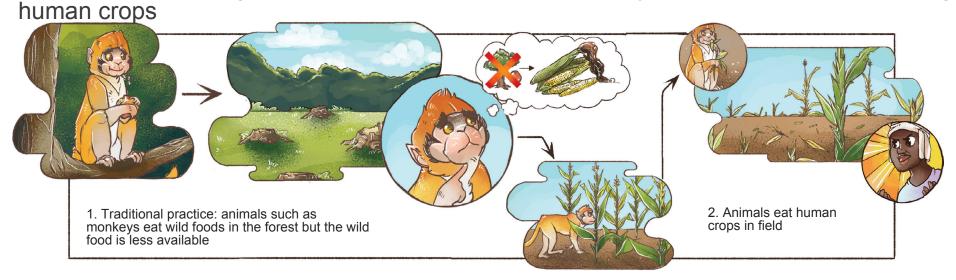




8.9



Lesson: Replenishing the natural foods of wild animals may prevent them from attacking



3. Improved practice: Collect seeds to grow the tree fruits of the wild animals

