

name: _____

class: _____

date: _____

The Impact of Food Science



Food science plays a crucial role in the development of our _____ . It involves studying the _____ of foods to ensure they are safe, nutritious, and enjoyable. Food scientists work on improving food quality, extending _____ , and finding new sources of _____ . They also explore ways to make processed foods healthier, reducing _____ , sugar, and salt without compromising taste. Another important aspect is food _____ , ensuring that what we eat doesn't contain harmful _____ or chemicals. Through technology, scientists can develop _____ to traditional foods, like plant-based meats, which offer environmental and health _____ . Packaging innovation is another field within food science, focusing on keeping food _____ longer and reducing waste. Education on _____ is a significant outcome of food science, helping people make informed _____ about their diets. Food science also addresses global challenges, such as improving food _____ by creating more efficient ways to produce and distribute food. Lastly, it contributes to the _____ of the food system, ensuring that future generations have access to healthy _____ .

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|-----------|------------|----------------|--------------|------|----------|------------|---------|
| nutrition | properties | security | alternatives | diet | benefits | shelf life | |
| fresh | food | sustainability | nutrients | fat | bacteria | safety | choices |