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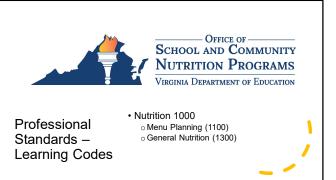


### Objectives

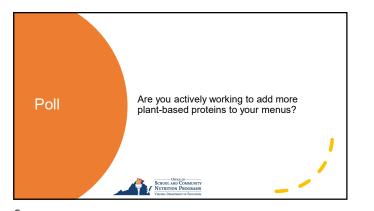
- Explain the health benefits associated with plant-based proteins.
- List different plant-based menu items that can be served in schools.
- Recall student inspired plant-based menu items.
- Summarize culinary techniques for preparing plant-based proteins.

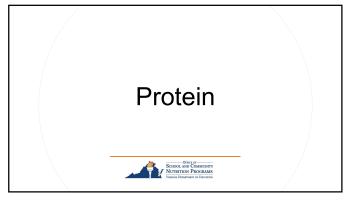


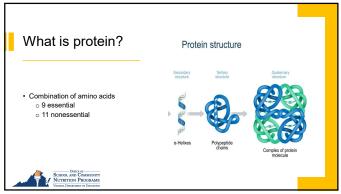
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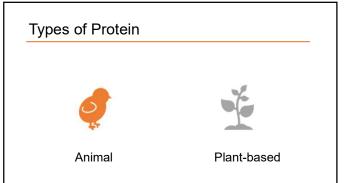


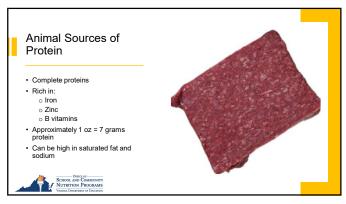
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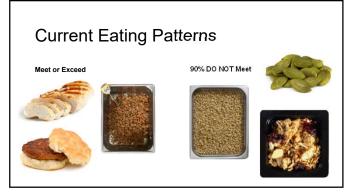
### **Protein Functions**

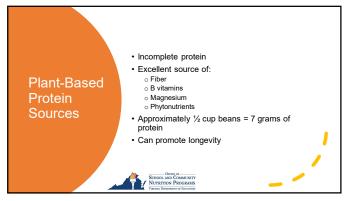
- Hormone production
- Nutrient transport
- Immune support
- Water balance
- pH regulation
- Enzyme creationMuscle maintenance
- Healthy hair, skin, and nails
- Energy production

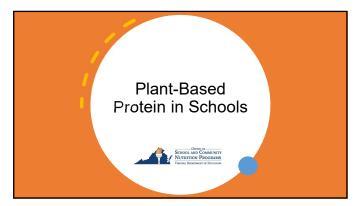














# Environmental Benefits

- Plants require less water and resources
- Locally grown are better for environment



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### Plant-Based Proteins in Schools

- Beans and lentils
- Soy ∘ Tofu and Edamame
- Nuts and seeds
- Nut and seed butters○ Nuts and seeds



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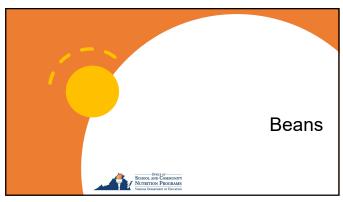




### Breakfast Menu Examples

- Breakfast burritos with beans
- Nut/seed butter on toast
- Nut/seed butter with yogurt

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### **Bean Varieties**

- Black
- Pinto
- Garbanzo
- White

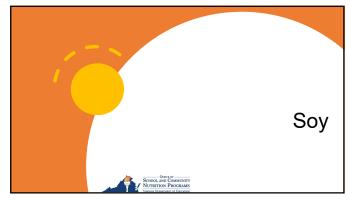


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# Culinary Tips for Beans Don't cook beans in the steamer Concentrate the liquid Consider dried beans

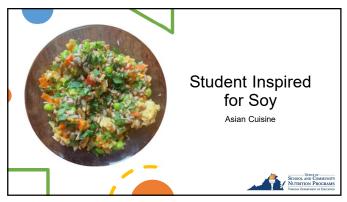


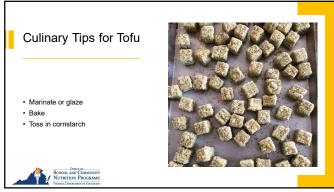
# Soy Varieties

- Extra Firm Tofu
- Edamame

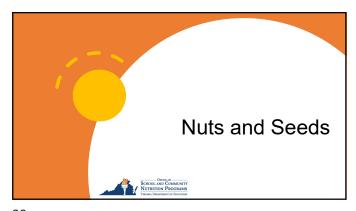


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### Nut and Seed Varieties

- Peanut Butter
- Sunbutter
- Soybutter
- · Sunflower seeds
- Pumpkin seeds
- Peanuts and treenuts if allowed!





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## Student Inspired for Nuts and Seeds

- African
- o Stews
- Asia
  - $_{\mbox{\scriptsize 0}}$  Sauces and dips
  - $\circ \, \mathsf{Toppings} \,$
- Oaxaca and Puebla Mexico
  - o Mole sauces



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### Local Sources of Nuts

 Virginia farmers harvest enough peanuts annually to make 600 million peanut butter sandwiches









