Agriculture Curriculum Map----Clinton Central

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| Course Name: Introduction to Agriculture, Food and Natural Resources | | Agriculture Mission Statement: Clinton Central Agriculture Department is dedicated to making a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education. |
| Name of Unit: Food Science  Number of Instructional Days:10 | | Course Description: The nature of this course is to provide students with an introduction to the fundamentals of agricultural science and business |
| Indiana State Standards: | IAFNR-9.1 Examine components of the food industry.  IAFNR-9.4 Understand food safety and management techniques in the food products and processing industry | |

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| Lesson Plans within Unit: | | | |
| * Food Labeling (2 days) * Sensory Evaluation (1 day) | | * Food Safety (2 days) * Food Nutrition (4 days) | |
| Essential Questions | | | |
| * What are ten healthy food choices? * How do you read a food label? * What are the different food groups? * What are five safety tips to practice? * What government agencies regulate our food? | | | |
| Key Terms | | | |
| * Protein * Fats * Nutrient * Carbohydrates | * Vitamins * Minerals * Calories * organic | | * USDA * FSIS * EPA * FDA |
| Activities/Resources | | | |
| * Students will evaluate food labels in a hands-on lab. * Students will perform sensory tests with smell, taster and touch. * Students will make a ppt on food safety and nutrition. | | | |
| Open Response Questions: | | | |
| * What are five safety tips to follow in food handling? | | | |
| * What are five foods one should include in their diet? | | | |

Rubric for Open Ended Questions: (1-4 pts)

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| 4 pts | Used complete sentences, correct grammar, and answered question in detail. |
| 3 pts | Used complete sentences and with a few grammar problems and answered question in average detail. |
| 2 pts | Didn’t use complete sentences, average to poor grammar and answered questions with few thoughts and detail. |
| 1 pt | Didn’t use complete sentences, used poor grammar and little to no detail to answering the question. |