

## 1. Animal Science (20 Ideas)

1. Pet Care Business
2. Animal Behavior Study
3. Vet Office Internship
4. Livestock Management
5. Endangered Species Project
6. Pet Nutrition Analysis
7. Animal Welfare Campaign
8. Horse Care Techniques
9. Wildlife Rehabilitation
10. Aquatic Habitat Study
11. Dairy Cow Management
12. Poultry Production Study
13. Small Animal Care (e.g., rabbits, guinea pigs)
14. Fish Farming Project
15. Beekeeping Experience
16. Equine Nutrition Research
17. Animal Breeding Program
18. Training Service Dogs
19. Invasive Species Impact Study
20. Feral Cat Colony Management

## 2. Environmental Science (20 Ideas)

21. Recycling Program
22. Pollution Awareness Campaign
23. Water Quality Testing
24. Composting Project
25. Energy Audit
26. Sustainable Gardening
27. Ecosystem Restoration
28. Climate Change Research
29. Wildlife Habitat Improvement
30. Soil Conservation Techniques
31. Carbon Footprint Analysis
32. Rainwater Harvesting Project
33. Sustainable Fishing Practices
34. Community Clean-Up Initiative
35. Greenhouse Gas Emission Study
36. Air Quality Monitoring
37. Natural Disaster Preparedness Plan
38. Endangered Habitat Protection

- 39. Renewable Energy Project (e.g., solar, wind)
- 40. Sustainable Landscaping Design

### 3. Agronomy and Crop Production (20 Ideas)

- 41. Crop Rotation Experiment
- 42. Hydroponics Setup
- 43. Soil Health Study
- 44. Organic Farming Techniques
- 45. Pest Management Research
- 46. Planting a Vegetable Garden
- 47. Greenhouse Production
- 48. Crop Yield Analysis
- 49. Seed Germination Study
- 50. Cover Cropping Project
- 51. Fruit Tree Orchard Management
- 52. Plant Breeding Program
- 53. Native Plant Restoration
- 54. Irrigation Efficiency Study
- 55. Herbicide Impact Analysis
- 56. Community Supported Agriculture (CSA) Initiative
- 57. Fertilizer Comparison Experiment
- 58. Perennial Crop Research
- 59. Soil Erosion Prevention
- 60. Sustainable Urban Farming

### 4. Food Science (20 Ideas)

- 61. Food Safety Study
- 62. Nutritional Analysis
- 63. Flavor Experimentation
- 64. Fermentation Project
- 65. Food Preservation Techniques
- 66. Plant-Based Diet Study
- 67. Food Pairing Science
- 68. Ethnic Cuisine Exploration
- 69. Recipe Development
- 70. Nutrition Education Program
- 71. Healthy Snack Creation
- 72. Local Food Sourcing Project
- 73. Meal Prep Workshops
- 74. Food Labeling Analysis
- 75. Culinary Skills Development
- 76. Taste Test Comparisons

77. Food Waste Reduction Strategies
78. GMO vs. Non-GMO Research
79. Homemade Beverage Production
80. Food History Research Project

## 5. Agricultural Engineering and Mechanics (20 Ideas)

81. Greenhouse Design
82. Irrigation System Project
83. Agricultural Robotics
84. Soil Testing Apparatus
85. Wind Turbine Model
86. Solar-Powered Devices
87. Water Filtration System
88. Automated Feeding System
89. Sustainable Packaging Solutions
90. Biodiesel Production
91. Farm Machinery Maintenance
92. Construction of Raised Beds
93. Crop Monitoring Drone Experiment
94. Aquaponics System Design
95. Energy Use Optimization
96. Compost Tea Brewing System
97. Hydraulic Systems in Agriculture
98. Agricultural App Development
99. Drip Irrigation System Implementation
100. Farm Design Software Exploration

## 6. Business and Marketing (20 Ideas)

101. Agricultural Marketing Plan
102. Farm Stand Business
103. E-commerce for Local Produce
104. Consumer Survey Project
105. Agri-tourism Initiative
106. Local Food Movement Research
107. Investment in Agriculture
108. Social Media Campaign for a Farm
109. Brand Development for a Farm
110. Community Partnership Project
111. Farm Financial Management
112. Farmers' Market Analysis
113. Sustainable Business Practices Study
114. Local Product Promotion Strategy

115. Online Cooking Class Business
116. Agricultural Product Development
117. Grant Writing for Farmers
118. Farm Equipment Rental Business
119. Creating a Food Blog
120. Food and Beverage Branding Project

## 7. Health and Nutrition (20 Ideas)

121. Nutrition Education Workshop
122. Dietary Analysis Project
123. Healthy Recipe Development
124. Food Labeling Project
125. Exercise and Nutrition Study
126. Community Health Fair
127. Food Insecurity Research
128. Mindful Eating Workshop
129. Plant-Based Nutrition Research
130. Food Waste Reduction Campaign
131. Healthy Cooking Classes
132. Nutrition App Development
133. School Lunch Improvement Project
134. Cooking with Kids Initiative
135. Cultural Nutrition Study
136. Exercise Programs for Youth
137. Stress and Nutrition Research
138. Nutrition and Chronic Disease Study
139. Community Cooking Competitions
140. Food Security Advocacy Campaign

## 8. Community Service (20 Ideas)

141. Community Garden Project
142. Farm-to-School Program
143. Nutrition Education for Families
144. Food Drive Initiative
145. Healthy Eating Challenge
146. Volunteer Day at Local Farms
147. Environmental Awareness Campaign
148. Cooking Classes for Low-Income Families
149. Food Access Research
150. Community Nutrition Newsletter
151. Support for Local Farmers' Markets
152. School Garden Development

153. Cooking for Seniors Initiative
154. Healthy Recipe Exchange Program
155. Food Recovery Network Project
156. Community Fitness Challenge
157. Food Co-op Formation
158. Meal Preparation for the Homeless
159. Community Cookbook Creation
160. Farm Field Day for Local Schools

## 9. Horticulture (20 Ideas)

161. Flower Arrangement Business
162. Herb Garden Project
163. Native Plant Landscaping
164. Vegetable Gardening for Beginners
165. Houseplant Care Workshop
166. Organic Pest Control Research
167. Plant Propagation Techniques
168. Perennial Flower Bed Design
169. Succulent Arrangement Project
170. Vertical Gardening Experiment
171. Citrus Tree Care Study
172. Pollinator Garden Creation
173. Compost Gardening Techniques
174. Seasonal Planting Calendar Development
175. Floral Design Workshops
176. Garden Journal Creation
177. Plant Health Diagnostics
178. Edible Landscaping Project
179. Sustainable Landscaping Practices
180. Community Herb Exchange Program

## 10. Technology in Agriculture (20 Ideas)

181. Farm Management Software Review
182. Precision Agriculture Research
183. Data Collection with Drones
184. IoT Devices for Smart Farming
185. Mobile Apps for Farmers
186. Artificial Intelligence in Agriculture
187. Blockchain in Food Supply Chains
188. Farm Data Analysis Project
189. Virtual Reality in Farming Education
190. Remote Sensing Technology Study

191. Automated Greenhouse Systems
192. Crop Monitoring Apps Development
193. Telematics in Farm Equipment
194. Smart Irrigation Systems
195. Digital Marketing for Farmers
196. Online Marketplaces for Farm Products
197. Agri-Tech Startups Analysis
198. AI Crop Prediction Models
199. E-commerce Platform for Local Farms
200. Robotics in Planting and Harvesting