Subject: Agriculture

Grade: 6

Strand: Agribusiness

1. **Standard:** Explores the scope of the agribusiness industry on the local, state, national and international levels.

2. **Standard:** Identifies and explores the science and technology of the agribusiness industry.

4. **Standard:** Develops computer skills relevant to the agribusiness industry.

5. **Standard:** Explores employment and career opportunities in agribusiness.

6. **Standard:** Develops skills in selected practices that relate to the agribusiness industry.

Strand: Agricultural Mechanics

7. **Standard:** Explores the scope of the agricultural mechanics industry on the local, state, national and international levels.

8. **Standard:** Identifies and explores the science and technology of the agricultural mechanics industry.

10. **Standard:** Demonstrates safety procedures related to agricultural mechanics.

11. **Standard:** Explores employment and career opportunities in agricultural mechanics.

12. **Standard:** Develops skills in selected practices that relate to the agricultural mechanics industry.

Strand: Agricultural Production

13. **Standard:** Explores the scope of the agricultural production industry on the local, state, national and international levels.

14. **Standard:** Identifies and explores the science and technology of the agricultural production industry.

15. **Standard:** Develops leadership, communication, citizenship and competitive skills through co-curricular student organization activities.

16. **Standard:** Demonstrates safety practices related to agricultural production.

17. **Standard:** Explores employment and career opportunities in agricultural production.

18. **Standard:** Develops skills in selected practices that relate to the agricultural production industry.

Strand: Agriscience

19. **Standard:** Explores the importance of agriscience on the local, state, national and international levels.

20. **Standard:** Identifies and explores science and technology in the agriscience industry.

21. **Standard:** Develops leadership, communication, citizenship and competitive skills through co-curricular student organization activities.

22. **Standard:** Demonstrates safety practices related to agriscience.
23 **Standard:** Explores employment and career opportunities in agriscience.

24 **Standard:** Develops skills in selected practices that relate to agriscience.

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**Strand: Environmental Horticulture**

25 **Standard:** Explores the scope of the environmental horticulture industry on the local, state, national and international levels.

26 **Standard:** Identifies and explores science and technology in environmental horticulture.

27 **Standard:** Develops leadership, communication, citizenship and competitive skills through co-curricular student organization activities.

28 **Standard:** Demonstrates safety practices related to environmental horticulture.

29 **Standard:** Explores employment and career opportunities in environmental horticulture.

30 **Standard:** Develops skills in selected practices that relate to the environmental horticulture industry.

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**Strand: Forestry and Natural Resources**

31 **Standard:** Explores the scope of the forestry and natural resources industry on the local, state, national and international levels.

32 **Standard:** Identifies and explores the science and technology of forestry and natural resource conservation.

33 **Standard:** Develops leadership, communication, citizenship and competitive skills through co-curricular student organization activities.

34 **Standard:** Demonstrates safety practices related to forestry and natural resources.

35 **Standard:** Explores employment and career opportunities in forestry and natural resources.

36 **Standard:** Develops skills in selected practices that relate to the forestry and natural resources industry.
Grade: 7

Strand: Agribusiness

1. **Standard**: Explores the scope of the agribusiness industry on the local, state, national and international levels.

2. **Standard**: Identifies and explores the science and technology of the agribusiness industry.

4. **Standard**: Develops computer skills relevant to the agribusiness industry.

5. **Standard**: Explores employment and career opportunities in agribusiness.

6. **Standard**: Develops skills in selected practices that relate to the agribusiness industry.

Strand: Agricultural Mechanics

7. **Standard**: Explores the scope of the agricultural mechanics industry on the local, state, national and international levels.

8. **Standard**: Identifies and explores the science and technology of the agricultural mechanics industry.

10. **Standard**: Demonstrates safety procedures related to agricultural mechanics.

11. **Standard**: Explores employment and career opportunities in agricultural mechanics.

12. **Standard**: Develops skills in selected practices that relate to the agricultural mechanics industry.

Strand: Agricultural Production

13. **Standard**: Explores the scope of the agricultural production industry on the local, state, national and international levels.

14. **Standard**: Identifies and explores the science and technology of the agricultural production industry.

15. **Standard**: Develops leadership, communication, citizenship and competitive skills through co-curricular student organization activities.

16. **Standard**: Demonstrates safety practices related to agricultural production.

17. **Standard**: Explores employment and career opportunities in agricultural production.

18. **Standard**: Develops skills in selected practices that relate to the agricultural production industry.

Strand: Agriscience

19. **Standard**: Explores the importance of agriscience on the local, state, national and international levels.

20. **Standard**: Identifies and explores science and technology in the agriscience industry.

21. **Standard**: Develops leadership, communication, citizenship and competitive skills through co-curricular student organization activities.

22. **Standard**: Demonstrates safety practices related to agriscience.
23  **Standard:** Explores employment and career opportunities in agriscience.

24  **Standard:** Develops skills in selected practices that relate to agriscience.

**Strand: Environmental Horticulture**

25  **Standard:** Explores the scope of the environmental horticulture industry on the local, state, national and international levels.

26  **Standard:** Identifies and explores science and technology in environmental horticulture.

27  **Standard:** Develops leadership, communication, citizenship and competitive skills through co-curricular student organization activities.

28  **Standard:** Demonstrates safety practices related to environmental horticulture.

29  **Standard:** Explores employment and career opportunities in environmental horticulture.

30  **Standard:** Develops skills in selected practices that relate to the environmental horticulture industry.

**Strand: Forestry and Natural Resources**

31  **Standard:** Explores the scope of the forestry and natural resources industry on the local, state, national and international levels.

32  **Standard:** Identifies and explores the science and technology of forestry and natural resource conservation.

33  **Standard:** Develops leadership, communication, citizenship and competitive skills through co-curricular student organization activities.

34  **Standard:** Demonstrates safety practices related to forestry and natural resources.

35  **Standard:** Explores employment and career opportunities in forestry and natural resources.

36  **Standard:** Develops skills in selected practices that relate to the forestry and natural resources industry.
Grade: 8

Strand: Agribusiness

1. **Standard**: Explores the scope of the agribusiness industry on the local, state, national and international levels.
2. **Standard**: Identifies and explores the science and technology of the agribusiness industry.
3. **Standard**: Develops computer skills relevant to the agribusiness industry.
4. **Standard**: Explores employment and career opportunities in agribusiness.
5. **Standard**: Develops skills in selected practices that relate to the agribusiness industry.

Strand: Agricultural Mechanics

7. **Standard**: Explores the scope of the agricultural mechanics industry on the local, state, national and international levels.
8. **Standard**: Identifies and explores the science and technology of the agricultural mechanics industry.
10. **Standard**: Demonstrates safety procedures related to agricultural mechanics.
11. **Standard**: Explores employment and career opportunities in agricultural mechanics.
12. **Standard**: Develops skills in selected practices that relate to the agricultural mechanics industry.

Strand: Agricultural Production

13. **Standard**: Explores the scope of the agricultural production industry on the local, state, national and international levels.
14. **Standard**: Identifies and explores the science and technology of the agricultural production industry.
15. **Standard**: Develops leadership, communication, citizenship and competitive skills through co-curricular student organization activities.
16. **Standard**: Demonstrates safety practices related to agricultural production.
17. **Standard**: Explores employment and career opportunities in agricultural production.
18. **Standard**: Develops skills in selected practices that relate to the agricultural production industry.

Strand: Agriscience

19. **Standard**: Explores the importance of agriscience on the local, state, national and international levels.
20. **Standard**: Identifies and explores science and technology in the agriscience industry.
21. **Standard**: Develops leadership, communication, citizenship and competitive skills through co-curricular student organization activities.
22. **Standard**: Demonstrates safety practices related to agriscience.
23 **Standard:** Explores employment and career opportunities in agriscience.

24 **Standard:** Develops skills in selected practices that relate to agriscience.

**Strand:** Environmental Horticulture

25 **Standard:** Explores the scope of the environmental horticulture industry on the local, state, national and international levels.

26 **Standard:** Identifies and explores science and technology in environmental horticulture.

27 **Standard:** Develops leadership, communication, citizenship and competitive skills through co-curricular student organization activities.

28 **Standard:** Demonstrates safety practices related to environmental horticulture.

29 **Standard:** Explores employment and career opportunities in environmental horticulture.

30 **Standard:** Develops skills in selected practices that relate to the environmental horticulture industry.

**Strand:** Forestry and Natural Resources

31 **Standard:** Explores the scope of the forestry and natural resources industry on the local, state, national and international levels.

32 **Standard:** Identifies and explores the science and technology of forestry and natural resource conservation.

33 **Standard:** Develops leadership, communication, citizenship and competitive skills through co-curricular student organization activities.

34 **Standard:** Demonstrates safety practices related to forestry and natural resources.

35 **Standard:** Explores employment and career opportunities in forestry and natural resources.

36 **Standard:** Develops skills in selected practices that relate to the forestry and natural resources industry.