EVS Project Topics For Class 12

Here are the trending EVS Project Topics For Class 12:

Climate Change and Energy

1. Study how much energy your school uses each month and find three ways to save power that won't cost much money.

2. Build a small solar panel to charge a phone and measure how many hours of sunlight it needs to work well.

3. Make a chart showing how temperatures in your city have changed over the last twenty years using weather records.

4. Test if painting roofs white helps keep buildings cooler and saves energy used for fans and air conditioning.

5. Create a video explaining why ice is melting at the North and South Poles and what it means for animals there.

6. Compare how much pollution comes from cooking with gas versus cooking with electricity in your home for one month.

7. Design a wind turbine using recycled materials and test how much electricity it can make on a windy day.

8. Interview ten families about their electricity bills and show them simple tricks to lower their costs and help the planet.

9. Research how farmers in your area are affected by changing rain patterns and longer hot seasons.

10. Build a model showing how solar cookers work and test if they can boil water or cook rice without any fuel.

Pollution and Waste Management

11. Collect air quality data near your school gate and compare it with readings from a nearby park or garden.

12. Count how many plastic bottles your class throws away in one week and suggest better options like reusable containers.

13. Test the pH level and cleanliness of water from three different sources in your neighborhood using simple testing kits.

14. Make a survey asking shops in your area if they would switch from plastic bags to paper or cloth bags.

15. Study where all the garbage from your home goes and draw a map showing the journey from your bin to the landfill.

16. Create a poster campaign showing people how to separate wet waste from dry waste correctly at home.

17. Investigate how much noise pollution happens near your school during rush hour and suggest ways to reduce it.

18. Start a program where students bring old notebooks to recycle into new paper instead of throwing them away.

19. Research what happens to old phones and computers and find a safe place in your city that recycles them properly.

20. Build three compost bins using different methods and compare which one makes the best fertilizer for plants fastest.

Biodiversity and Conservation

21. Take photos of all the different birds that visit your school or home garden and identify them using a guidebook.

22. Study how cutting down trees near your area has affected the number of butterflies and bees you can see.

23. Create a butterfly garden by planting specific flowers that attract butterflies and count how many different types visit.

24. Research an animal from your state that is in danger of disappearing and make a presentation about saving it.

25. Map out all the trees in your neighborhood and find out which ones provide the most shade and oxygen.

26. Investigate whether stray dogs in your area are affecting small wild animals like squirrels or birds.

27. Study a plant that is not originally from your region but now grows everywhere and how it affects local plants.

28. Visit a nearby forest or nature reserve and document the different types of plants found at different heights from ground to treetop.

29. Research traditional knowledge from your community about which plants were used as medicine by your grandparents' generation.

30. Create a seed bank by collecting and storing seeds from local plants that are becoming rare in your area.

Water Resources and Management

31. Design a simple rainwater collection system for your home and calculate how much water it could save in one rainy season.

32. Compare the water quality from your tap with bottled water by testing both for color, smell, and basic cleanliness.

33. Track how much water your family uses each day and find five easy ways to use less without major changes.

34. Research ancient step wells or traditional water storage methods used in your region and explain how they worked.

35. Test soil from different places to see which type holds water best for farming and which drains too quickly.

36. Investigate how much water is wasted in your school through leaking taps and toilets and calculate the yearly loss.

37. Study whether using waste water from washing vegetables can safely water plants in your garden.

38. Make a model showing how groundwater gets dirty when chemicals from farms seep into the soil.

39. Research why some neighborhoods in your city face water shortages while others have plenty of supply.

40. Create a guide teaching younger students how to brush teeth, wash hands, and bathe while using minimum water.

Sustainable Living and Urban Studies

41. Measure how much cooler a street with many trees feels compared to a street with only concrete and buildings.

42. Study the journey of one t-shirt from cotton farm to your closet and count how much water and energy it uses.

43. Survey your classmates about climate change worries and create a helpful guide with positive actions they can take.

44. Organize a neighborhood clean-up drive and weigh how much trash you collect from just one street in two hours.

45. Research vertical gardens on building walls and test if growing plants upward saves space and keeps buildings cooler.

46. Compare the environmental impact of eating meals with meat versus vegetarian meals for your family for one week.

47. Investigate how much food your school cafeteria wastes daily and suggest a plan to feed it to animals or compost it.

48. Study whether using public buses instead of personal cars for one month could reduce pollution in your area.

49. Create a rooftop garden plan for your school showing what vegetables could be grown there throughout the year.

50. Research how traditional houses in your region were designed to stay cool without air conditioning or fans.

Soil and Agriculture

51. Test three different types of natural fertilizers on the same plant and see which one helps it grow the tallest.

52. Study how crop rotation helps farmers grow more food while keeping the soil healthy and full of nutrients.

53. Investigate the difference between organic vegetables and those grown with chemical pesticides in terms of soil health.

54. Create a model showing how soil erosion happens on hills during heavy rain and demonstrate three ways to prevent it.

55. Research why earthworms are important for good soil and count how many live in different parts of your garden.

56. Compare how quickly different types of soil can absorb water during rainfall and which prevents flooding better.

57. Study traditional farming methods used by tribal communities in your state and how they protect the environment.

58. Test if growing different plants together helps them grow better than growing the same plant alone.

59. Investigate how using too many chemical fertilizers can damage soil over many years of farming.

60. Document plants that can grow in poor soil with little water and recommend them for difficult farming areas.

Food and Nutrition with Environment

61. Calculate the carbon footprint of your family's meals for one week including how far each ingredient traveled to reach you.

62. Research food waste in restaurants near your school and suggest how they could donate extra food to people who need it.

63. Grow the same vegetable using chemical fertilizers and organic methods to compare taste, size, and environmental impact.

64. Study how much packaging waste comes from processed snacks versus fresh fruits and vegetables bought from local markets.

65. Investigate traditional food preservation methods like pickling and drying that don't need refrigerators and save electricity.

66. Create a monthly meal plan using only fruits and vegetables that grow naturally in your region during each season.

67. Research how much water is needed to produce one kilogram of rice versus one kilogram of wheat in your state.

68. Compare the environmental cost of imported fruits versus locally grown fruits available in your city markets.

69. Study whether community kitchens or shared cooking spaces could reduce fuel use and food waste in apartment buildings.

70. Document traditional recipes from your culture that use every part of a vegetable or grain without creating waste.

Transportation and Air Quality

71. Count different types of vehicles passing your school in one hour and estimate how much pollution each type creates.

72. Research how cycling to school instead of taking motorized transport could improve air quality and student health.

73. Study whether carpooling among families in your neighborhood could reduce traffic and pollution by a significant amount.

74. Create a map showing the safest walking routes to school that avoid heavy traffic and polluted roads.

75. Investigate how much pollution metro trains produce compared to buses and personal cars for the same number of passengers.

76. Test air quality inside a car stuck in traffic versus outside on a sidewalk to see which has cleaner air.

77. Research electric rickshaws in your city and compare their environmental impact with traditional auto-rickshaws.

78. Design an awareness campaign encouraging people to walk or cycle for short trips instead of driving.

79. Study how traffic jams affect air quality during different times of day in your neighborhood.

80. Investigate whether having more trees along roads helps reduce the amount of dust and pollution in the air.

Health and Environment

81. Research how breathing polluted air affects children's lungs differently than adults' lungs in your city.

82. Study the connection between dirty drinking water and common stomach illnesses in different parts of your area.

83. Investigate whether people living near busy roads have more breathing problems than those living in quieter areas.

84. Create a guide explaining how noise pollution from traffic and construction affects sleep and concentration in students.

85. Research skin problems caused by polluted water and suggest simple filtering methods every home can use.

86. Study whether spending time in parks and green spaces helps reduce stress and anxiety in students preparing for exams.

87. Investigate the health effects of burning garbage in open spaces on people living nearby.

88. Research how extreme heat during summer months affects outdoor workers like traffic police and construction laborers.

89. Study whether indoor plants can really clean the air inside homes and classrooms or if that is just a myth.

90. Investigate how using chemical cleaning products at home affects indoor air quality and family health.

Technology and Environment

91. Design a mobile app that helps people find the nearest recycling center for different types of waste in your city.

92. Research how data centers and cloud storage use enormous amounts of electricity and suggest ways to reduce this consumption.

93. Study whether ordering products online creates more packaging waste than buying the same things from local shops.

94. Create a website teaching people in your community about local environmental problems and simple solutions they can try.

95. Investigate how GPS and mapping technology can help farmers use water and fertilizers more efficiently on their fields.

96. Research how much electronic waste comes from constantly upgrading phones and suggest ways to use devices longer.

97. Study whether smart home devices that control lights and temperature automatically really save energy as promised.

98. Design a simple sensor system that alerts your school when air quality becomes unhealthy so students can stay indoors.

99. Investigate how satellite images can track deforestation or illegal mining in protected forest areas.

100. Research how social media campaigns can spread environmental awareness faster than traditional methods like posters.

Green Buildings and Architecture

101. Study how old buildings in your city stayed cool before air conditioning was invented using design and materials.

102. Research whether buildings with many windows facing north stay cooler than buildings with windows facing west.

103. Design a model school building that uses natural light during daytime and needs very few electric lights.

104. Investigate how green roofs covered with plants help buildings stay cooler and reduce rainwater flooding.

105. Compare the environmental impact of building with mud and bamboo versus using cement and steel.

106. Study whether painting outer walls with light colors reflects heat and keeps buildings cooler in summer.

107. Research how collecting and reusing gray water from sinks can reduce a building's total water consumption.

108. Design a natural ventilation system for classrooms that brings in fresh air without using fans or air conditioning.

109. Investigate how strategic placement of trees around buildings can provide shade and reduce cooling costs.

110. Study traditional architecture from different regions of India and identify sustainable features that modern buildings should copy.

Wildlife and Human Interaction

111. Research how street lights affect nocturnal animals and birds that are naturally active at night.

112. Study why wild elephants or other large animals sometimes enter villages and farmlands and how to prevent conflicts peacefully.

113. Investigate whether bird populations have decreased in your city over the years due to fewer trees and more buildings.

114. Document how stray animals survive in cities by depending on human garbage and what this means for urban planning.

115. Research how noise from celebrations and festivals affects birds during nesting season and pet animals at home.

116. Study whether building wildlife corridors or green pathways can help animals move safely through developed areas.

117. Investigate how pesticides used in farming affect honeybees and other insects that help pollinate crops.

118. Research human-leopard or human-monkey conflicts in nearby hills or forests and suggest prevention strategies.

119. Study whether feeding wild animals in parks or tourist spots changes their natural behavior and creates problems.

120. Investigate how glass buildings cause bird deaths when birds fly into windows thinking they see sky or trees reflected there.