

INFORMATION NEEDS ANALYSIS OF "YOUNG LEARNERS" ABOUT ENERGY SAVING AND EFFICENCY



Letter of presentation of the questionnaire

**Istituto Comprensivo – Middle School - “N. Nicolini”
of Tollo (Italy)**

Town administration of Tollo (Italy)

Abruzzo Regional Government, ARAEN

The middle-school students of the III B class of the Istituto Comprensivo "N. Nicolini" of Tollo (Italy), in cooperation with the environment and energy department of Tollo town administration and the Abruzzo Regional Government, ARAEN Regional Agency for energy, developed an education project about saving and energy efficiency.

This project for middle school pupils, with the involvement of teachers, parents and public authorities, aims at informing, training and educating young learners on the basics of sustainable development as well as increasing respect and appreciation for the environment, making youngsters critical protagonists of ecological changes.

Anonymous questionnaire

Middle-school project about energy

Questionnaire no. Date.....

General data

School.....

1-You live in 1.1 a city 1.2 a town 1.3 in the countryside

2-Your house is 2.1 single 2.2 apartment 2.3 other

3-Number of brothers.....

4-Number of family members.....

5-Total number of home rooms.....

6-Mother: school degree job.....

7-Father: school degree..... job.....

8-Number of daily study hours

9-Number of daily reading hours

10-Number of daily TV watching hours

11-Number of daily videogame playing hours

12-Number of daily playing hours

13-Sports activities (two most important).....

14-Do you have a computer? 14.1 YES 14.2 NO

15-Do you use a computer?

15.1 YES

15.2 NO

16.Have you ever heard of:

- energy saving?

16.1 yes

16.2 no

16.3 don't know

- CO₂ emissions?

16.4 yes

16.5 no

16.6 don't know

- climate change?

16.7 yes

16.8 no

16.9 don't know

- renewable energy?

16.10 yes

16.11 no

16.12 don't know

17.Do you know if your home temperature is set at over 19°C?

17.1 yes

17.2 no

17.3 don't know

18.Do you know if your home heaters are covered by linen, curtains or other things?

18.1 yes

18.2 no

18.3 don't know

19.Do you shut your windows at home when the heating is on?

19.1 yes

19.2 no

19.3 don't know

20.What type of heating system do you have at home?

20.1 pellet stove

20.2 chimney

20.2 methane

20.4 underfloor

20.5 air

20.6 kerosene

20.7 geothermal probe

20.8 LPG

20.9 district heating

20.10 solar panels

21. Do you have an independent heating system at home?

21.1 yes 21.2 no 21.3 don't know

22. Is the heating temperature regulated at home when it is warm in winter?

22.1 yes 22.2 no 22.3 sometimes 22.4 don't know

23. Do you use weather stripping at home?

23.1 yes 23.2 no 23.3 sometimes 23.4 don't know

24. Do you use solar panels at home?

24.1 yes 24.2 no 24.3 don't know

25. Is the heating off when nobody is at home?

25.1 yes 25.2 no 25.3 sometimes 25.4 don't know

26. If you have an electric boiler, do you turn it on just before using hot water?

26.1 yes 26.2 no 26.3 don't know

27. Do you know if the temperature is not set over 60°C?

27.1 yes 27.2 no 27.3 don't know

28. Do you prefer having a shower or a bath?

28.1 shower 28.2 bath

29. Are you careful with not wasting water whenever you turn on the tap (for example, when you brush your teeth, wash your hands, etc.)?

29.1 yes 29.2 no 29.3 sometimes 29.4 don't know

30. Do you keep lamps off when they are not necessary?

30.1 yes 30.2 no 30.3 sometimes 30.4 don't know

31. Do you prefer natural light for reading?

31.1 yes 31.2 no 31.3 sometimes 31.4 don't know

32. Do you always switch off lights when you go out of a room?

32.1 yes 32.2 no 32.3 sometimes 32.4 don't know

33. Do you switch off the led after watching television or using a computer?

33.1 yes 33.2 no 33.3 sometimes 33.4 don't know

34. What do you have? (You can choose more than one option)

34.1 cell phone 34.2 personal computer 34.3 tablet

34.4 I-phone 34.5 I-pod 34.6 MP3 player

35. Do you avoid keeping you phone battery charging for many hours (for example all night long)?

35.1 yes 35.2 no 35.3 sometimes 35.4 don't know

36. Do you unplug your phone charger when the battery is completely charged?

36.1 yes 36.2 no 36.3 sometimes 36.4 don't know

37. Do you unplug your phone charger when it is not being used?

37.1 yes 37.2 no 37.3 sometimes 37.4 don't know

With the help of the members of your family...

38. Are pans and pots put on hot plates which are proportional to their diameter?

38.1 yes 38.2 no 38.3 sometimes 38.4 don't know

39. Are pots covered with a lid during cooking?

39.1 yes 39.2 no 39.3 sometimes 39.4 don't know

40. Are pressure cookers used at home?

40.1 yes 40.2 no 40.3 sometimes 40.4 don't know

41. Are energy-efficient light bulbs preferably used at home?

41.1 yes 41.2 no 41.3 don't know

42. Do you keep your refrigerator open for long while you are choosing what to take?

42.1 yes 42.2 no 42.3 sometimes 42.4 don't know

43. Is your home oven and/or hot plate switched off before cooking ends in order to exploit residual heat?

43.1 yes 43.2 no 43.3 sometimes 43.4 don't know

44. Is your home refrigerator regularly cleaned?

44.1 yes 44.2 no 44.3 sometimes 44.4 don't know

45. Is your home refrigerator completely full?

45.1 yes 45.2 no 45.3 sometimes 45.4 don't know

46. Is your home washing machine started when it has a full load of laundry?

46.1 yes 46.2 no 46.3 sometimes 46.4 don't know

47. Does your home washing machine work with temperatures below 60°C?

47.1 yes 47.2 no 47.3 sometimes 47.4 often
47.5 don't know

48. Is your home washing machine filter regularly cleaned?

48.1 yes 48.2 no 48.3 don't know

49. Is your home oven set at the right temperature?

49.1 yes 49.2 no 49.3 sometimes 49.4 don't know

50. Is your home oven frequently opened during cooking?

50.1 yes 50.2 no 50.3 don't know

51. Is your home oven switched off just before cooking ends?

51.1 yes 51.2 no 51.3 sometimes 51.4 don't know

52. Is your home dishwasher started when it has a full load?

52.1 yes 52.2 no 52.3 sometimes 52.4 don't know

53. Is your home dishwasher used at low temperature cycles?

53.1 yes 53.2 no 53.3 sometimes 53.4 don't know

54. Is your home dishwasher filter regularly cleaned?

54.1 yes 54.2 no 54.3 don't know

55. Do you have a microwave oven at home?

55.1 yes 55.2 no 55.3 sometimes 55.4 don't know

56. Is it used?

56.1 yes 56.2 no

57. Do you know that your town administration has created an environment information service called Eco Sportello (Eco Desk)?

57.1 yes 57.2 no 57.4 don't know

58. Do you think that in your town, Tollo, the local administration does enough for energy saving?

58.1 yes 58.2 no 58.3 sometimes 58.4 don't know

59. Would you contribute to avoid unnecessary waste?

59.1 yes 59.2 no 59.3 don't know

60. In your opinion, which are the most suitable information media in order to be informed about issues concerning consumption and energy saving? (You can choose more than one option)

60.1 school 60.2 sms 60.3 internet

60.4 specialized magazines 60.5 public meetings with experts

60.6 other

THANK YOU FOR YOUR HELP!