

Supplementary Information

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A. PRE-EVENT QUESTIONNAIRE

Table S1: Results of the pre-event questionnaire

Q1. What is noise?	No. of respondents
a) I don't know	2
b) A loud pleasant sound	6
c) A sound, that is loud or unpleasant and that causes disturbance	54
Q 2. Do you think your school is in a noisy environment?	
a) Yes	17
b) No	37
Q 3. If you answered "Yes" to the previous question, specify one or more sources of noise outside your school.	
a) Cars	17
b) Train	4
c) Airplanes	3
d) Factories	1
e) Other: _____	tractor, sirens
Q 4. Do you think it is noisy inside your school?	
a) Yes	41
b) No	13
Q 5. If you answered "Yes" to the previous question, specify one or more sources of noise inside your school.	
a) Door creaking/rattling	3
b) Rumbling in the kitchen/dining area	14
c) Children screaming	38
d) Loud speaking	26
e) Buzzing of ventilation system and electronics	3
f) Walking, running down the hall	14
d) Other: _____	/
Q6. In the picture below, indicate how much does noise bother, disturb or annoy you, when you are here at school.	
1 (A little)	6
2	13
3	14
4	13
5 (A lot)	8
Q7. Which number between zero and ten best reflects to what extent noise (source of noise) annoys, disturbs or upsets you? (0 means the least and 10 the most)	
0	4
1	3

2	3
3	4
4	8
5	9
6	1
7	4
8	7
9	6
10	5
Q8. How do you feel when you are exposed to noise? You can choose more than one answer.	
a) Agitated	13
b) I can't concentrate	33
c) I can't hear my friends, teachers	37
d) Nervous	15
e) Angry	15
f) My ears hurt	20
d) Other: _____	sad, furious, not bothered

B. KAHOOT QUIZ

Table S2: Results of the Kahoot quiz (1-correct answer, 0- incorrect answer)

Questions	Group 1	Group 2	Group 3
Q1. What is sound?	1	1	1
Q2. How does sound travel?	1	1	1
Q3. In which substance does sound travel the fastest?	0	0	0
Q4. In which substance does sound NOT travel?	1	1	1
Q5. Which of the following statements is NOT correct?	0	0	1
Q6. Animals communicate through sound.	1	1	1
Q7. Cricket has no vocal cords. He emits sound by rubbing his wings against each other.	1	1	1
Q8. Which animal is the loudest?	0	0	1
Q9. A loud sound unpleasant to the ears is called noise.	1	1	1

Q10. Which sound is the loudest?	1	1	1
Q11. Which sound is the quietest?	1	1	1
Q12. How people perceive sound?	1	1	1
Q13. What does a "snail" do in our ear?	1	0	1
Q14. A doctor, a specialist for ear diseases is called	1	1	1
Q15. What is the difference between sound and noise?	1	1	1
Q16. Miha's father works in a noisy factory. To protect his hearing, he uses:	1	1	1
Q17. Unit for noise measurement is:	1	1	1
Q18. Before we start measuring noise, we need to calibrate the device.	1	1	1
Q19. When we perform the measurement, we talk and sing along.	1	1	1
Q20. Where should the device be when performing the measurement?	1	1	1
Q21. The closer we get to a bigger busy road	1	1	1
Q22. What can we do for our own well-being and hearing?	0	1	1

C. MAPS OF THE STUDY AREA

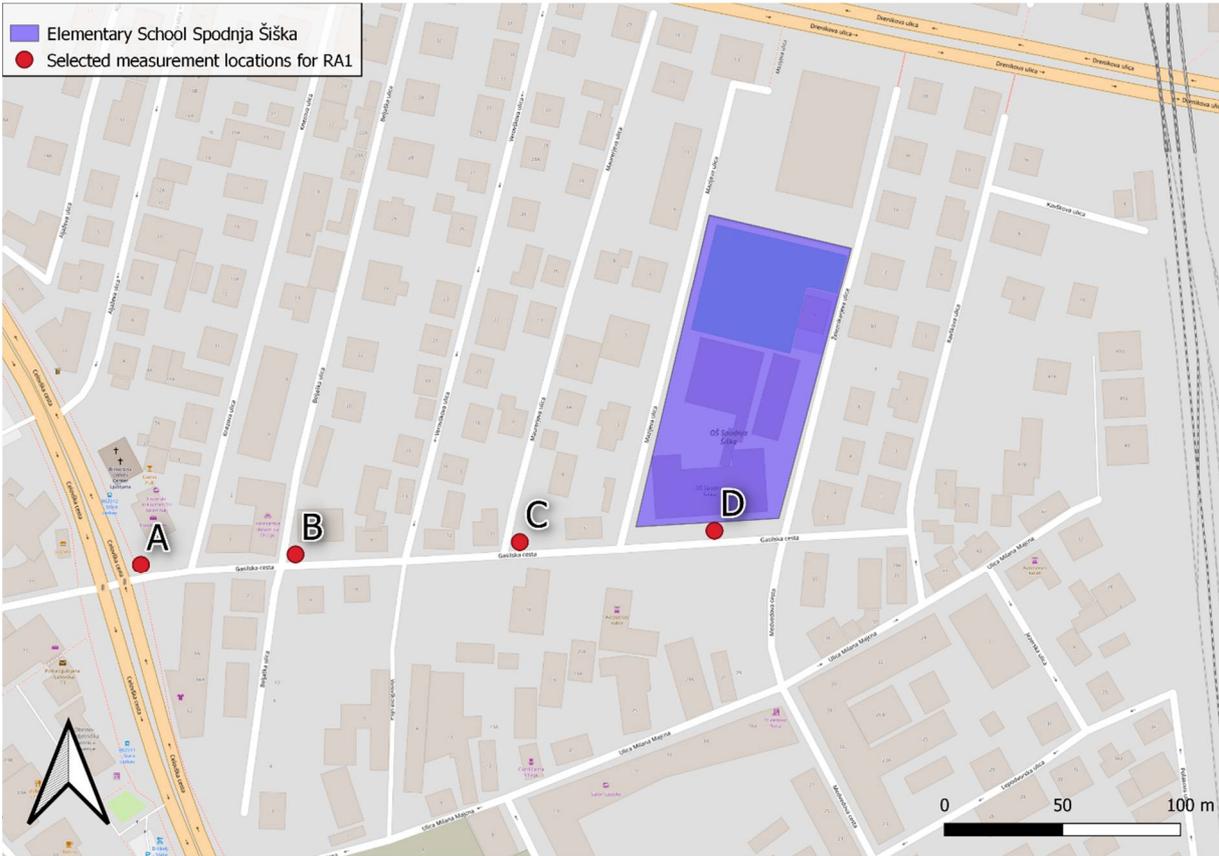


Figure S1. Map of the area surrounding the school with selected measurement locations for RA1

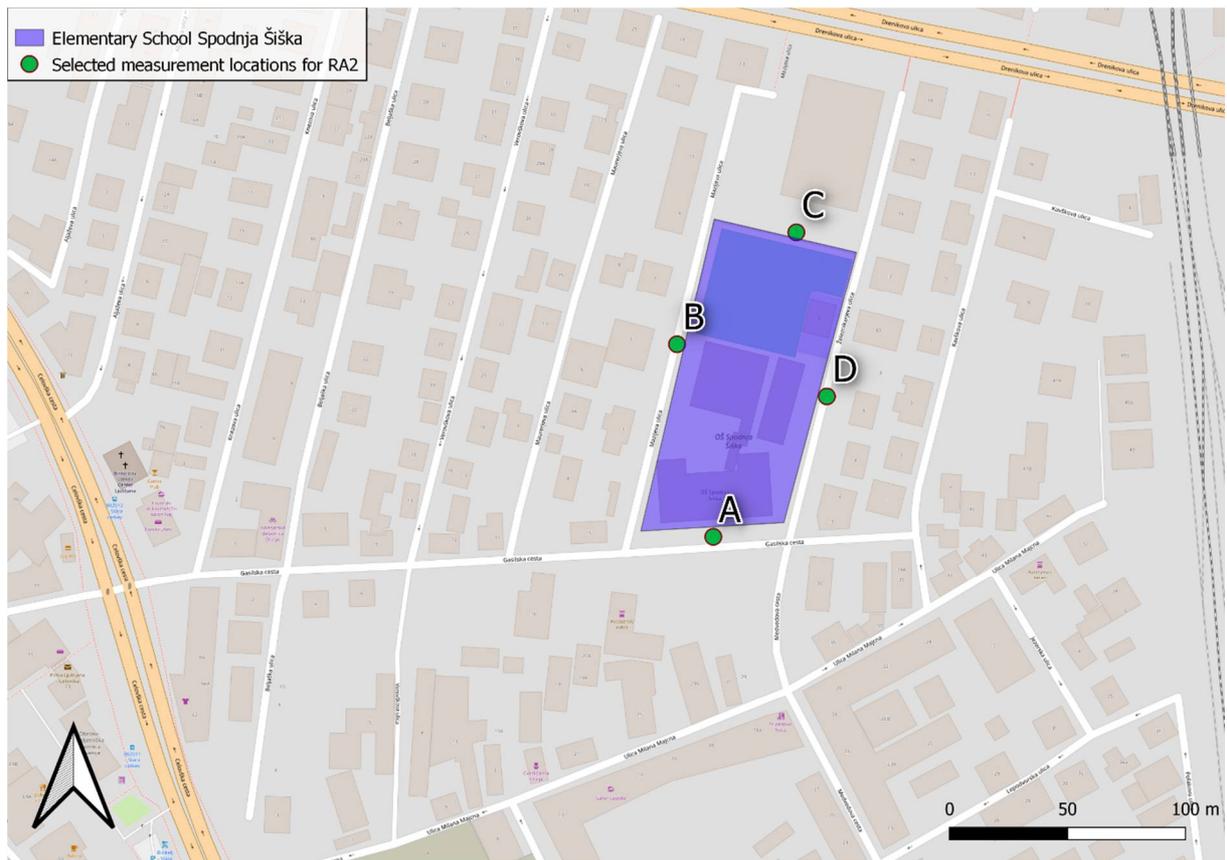


Figure S2. Map of the area surrounding the school with selected measurement locations for RA2

D. DATA GATHERING SHEET

Table S3: Data gathering sheet

Location	Perceived noise level <i>(very quiet, quiet, medium loud, loud or very loud)</i>	Time and date	Min dB(A)	LA90	LA50	LA10	Max dB(A)	Leq dB(A)
A								
B								
C								
D								
E								