

Figure S2 Final version of the Measurement Health Literacy Among Adolescents - Questionnaire (MOHLAA-Q)

Scale A: Dealing with health-related information (HLS-EU-Q12-adolescents-DE)				
How easy/difficult is it for you to . . . ?	very easy (4)	easy (3)	difficult (2)	very difficult (1)
1. ... find information about what to do when you feel ill to make yourself get better?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. ...understand a medication leaflet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. ...judge whether information about medication in the media is credible? media: internet, TV, radio, press	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. ...follow the instructions of your doctor or pharmacist?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. ...find information about how you can deal with mental problems? e.g., permanent stress, depression, being bullied, an eating disorder	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6. ...understand how you can protect yourself from sexually transmitted diseases? By sexually transmitted diseases we mean diseases such as HIV/AIDS, chlamydia infection, or herpes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7. ...judge whether you can trust media when they warn you of risks to your health?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8. <u>...implement recommendations that protect you during sport, in your leisure time and in traffic? (e.g., wearing a helmet or knee or arm protectors, observing road traffic regulations)</u>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9. ...find information about healthy behavior such as exercise and nutrition?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10. ...understand information on food packaging?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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11.	...judge how what you do daily affects your health? e.g., eating, drinking, exercise, relaxation, body care	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12.	<u>...get involved in promoting a healthy environment?</u> e.g., less noise and less traffic, better air quality, more parks and sports grounds	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scale B: Communication and interaction skills						
<i>To what extent do you agree with the following sentences?</i>		strongly agree (4)	somewhat agree (3)	somewhat disagree (2)	strongly disagree (1)	
13.	<u>During my last visit to the doctor, I asked all the questions that interested me.</u>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14.	I chat with my friends about how one can avoid unhealthy behavior e.g., smoking, drinking alcohol over the limit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15.	If my friends or siblings have questions about health, I can help them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16.	It is easy for me to talk with my parents about health topics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Scale C: Attitudes toward one's own health and health information						
		not at all (1)	little (2)	moderate (3)	strong (4)	very strong (5)
17.	How much in general do you pay attention to your health?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>To what extent do you agree to the following sentences?</i>		strongly agree (5)	somew hat agree (4)	neither agree or disagree (3)	somewh at disagree (2)	strongly disagree (1)
18.	I seek advice from others when I am ill.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
19.	It is up to me to protect myself from diseases.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
20.	<u>I know what I have to do to make myself feel comfortable.</u>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
21.	It is important to me to inform myself about health-related topics.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Scale D: Health-related knowledge

1. How often should a young person at your age be physically active? <i>Only one answer is correct.</i>
<input type="radio"/> Up to two hours of sport per week is sufficient (0) <input type="radio"/> Physical education lessons at school are sufficient (0) <input type="radio"/> About an hour every day while one's works up a sweat, is sufficient (1) <input type="radio"/> Three times a week exercise is sufficient (0) <input type="radio"/> Do not know (0)
2. How does it affect the body if you regularly drink a lot of alcohol? <i>Only one answer is correct.</i>
<input type="radio"/> Almost all organs are damaged (1) <input type="radio"/> Only the liver and brain are damaged (0) <input type="radio"/> It depends on how much the body can tolerate (0) <input type="radio"/> The lung volume decreases (0) <input type="radio"/> Do not know (0)
3. What are the health effects for young people of consuming cannabis (marijuana, hashish) often? <i>Only one answer is correct.</i>
<input type="radio"/> Poorer learning and memory skills (1) <input type="radio"/> Permanent brain damage (0) <input type="radio"/> Hair loss (0) <input type="radio"/> Only physical dependence (0) <input type="radio"/> Do not know (0)
4. What is NOT one of the possible effects of smoking? <i>Only one answer is correct.</i>
<input type="radio"/> Tooth loss (0) <input type="radio"/> Skin aging (0) <input type="radio"/> Nearsightedness (1) <input type="radio"/> Decreased muscular strength (0) <input type="radio"/> Do not know (0)
5. How can small burns be treated? <i>Only one answer is correct.</i>
<input type="radio"/> Sprinkle flour on the wound (0) <input type="radio"/> Cool for 10 minutes under lukewarm water (1) <input type="radio"/> Always pierce blisters from burns (0) <input type="radio"/> Cool only with sterile saline solution (0) <input type="radio"/> Do not know (0)

6.	Which ingredient is contained in the highest amount in a cocoa drink powder with the ingredients listed on the package as follows: sugar, dextrose, low-fat cocoa powder, emulsifier agent (lecithin), salt? <i>Only one answer is correct.</i>
<input type="radio"/> Salt (0) <input type="radio"/> Dextrose (0) <input type="radio"/> Sugar (1) <input type="radio"/> Cocoa powder (0) <input type="radio"/> Do not know (0)	
7.	We want to know if you know what your rights are. <u>One of the following sentences is WRONG. Which sentence is that?</u> <i>Only one answer is correct.</i>
<input type="radio"/> I can disagree to a major medical surgery, even if my parents have agreed. (0) <input type="radio"/> I have to agree before my doctor will inform my parents about my treatment. (0) <input type="radio"/> I have the right for the doctor to inform me about the advantages and disadvantages of my treatment. (0) <input type="radio"/> I have no rights. (1) <input type="radio"/> Do not know (0)	
8.	How can HIV/AIDS be transmitted? <i>Only one answer is correct</i>
<input type="radio"/> Kissing (0) <input type="radio"/> Skin contact such as shaking hands (0) <input type="radio"/> Insect bites (0) <input type="radio"/> None of the given answers is correct (1) <input type="radio"/> Do not know (0)	

Legend: The point values for the given answer option are provided in parentheses.

Underlined items were adjusted based on the results of the item and reliability analyses, and CFA.