



# TVET PROJECT

## Assessing the Production of the Core Values and Capacities among Youth in TVET institutions in Kenya **Student Assessment**

### 1 Introduction and Consent

Hello, my name is \_\_\_\_\_. I work with African Population and Health Research Center. Once in a while, we visit different institutions in Kenya to collect data on education and training. This time, we are focusing on Technical, Vocational Education and Training (TVET) institutions, in order to collect data on perception and views of students about technical skills, academic skills, life skills, values and social emotional skills. The results of this research will be made public and disseminated in the community and at national level involving the Ministry of Education (MoE) and other stakeholders in order to inform policy process. It is important to share the results with the government since it is the one through the MoE that formulates and implements training policies. The responses you give will be held with utmost confidentiality and will only be available to members of the research team. Your responses will not cause any disadvantage to you. If you accept to participate in this research, you will be doing so voluntarily and there will not be any monetary returns or gifts. You are also free to refuse to respond to questions you do not feel comfortable answering. This interview will take about **45** minutes.

1.1 Would you like to participate in this research?

Yes

No

[CHECK 1.0, IF 2=NO, THANK RESPONDENT AND END THE INTERVIEW]

### 2 Identifications

Some of these questions are **not** to be asked to the student. Information on IDs is to be obtained from the project research officer prior to visiting the institution. Please enter information on sex by observation.

2.1	Date of the Interview	Day	<input type="text"/>	<input type="text"/>	Month	<input type="text"/>	<input type="text"/>	Year	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2.2	County ID	<input type="text"/>	1=Garissa; 2=Kisumu; 3=Meru; 4=Mombasa; 5= Nairobi; 6=Nyeri; 7=Turkana; 8=Uasin Gishu; 9=Kakamega									
2.3	TVET Name	<input type="text"/>										
2.4	TVET ID	<input type="text"/>										
2.5	Student Name (Optional)	<input type="text"/>										
2.6	Student ID	<input type="text"/>										
2.7	Student Sex	<input type="text"/>	1=Male; 2=Female									
2.8	Student level of study	<input type="text"/>	1=Beginner; 2=Finalist									
2.9	Enumerator ID	<input type="text"/>	<input type="text"/>	<input type="text"/>								

### 3 Capabilities and Values

I am going to ask you about your own self-assessment on some attributes relating to specific values and capabilities by the youth/individuals

<b>B1</b>	<b>From the following list, please rank the 3 items that you value the most.</b>	1. Family relation		<i>In order of priority</i>  <i>(Scripter: Allow for 3 responses)</i> <b>READ OUT</b> <b>OPTIONS</b>			
		2. Feeling needed and valued					
		3. Friendships (other than family)					
		4. Getting a job					
		5. Physical and mental health					
		6. Spirituality/faith					
		7. School or study satisfaction					
		8. Financial security					
		9. Being independent					
		10. Making a difference in the community					
<b>B2</b>	<b>How much do you agree with the following statements, on a scale of 1 to 5 where</b> <b>1= Strongly disagree; 2= Disagree; 3= neither agree nor disagree/uncertain; 4= Agree; 5= Strongly agree</b>						
	<b>Statement</b>		<b>Level of agreement with statement</b>				
			<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
		<b>Trust</b>					
	1	Most people can be trusted					
	2	You can only trust people you have known for a long time					
	3	You can trust your friends to act in your best interest					
		<b>Self confidence</b>					
	4	Being confident comes naturally to you					
	5	You speak out with confidence					
	6	You love and accept yourself exactly as you are now					
		<b>Opportunism</b>					
	7	There are many opportunities to earn a little money when you need it					
	8	Little hustles often come your way, because people know that you are willing to work					
	9	Focusing on a single job/hustle pays off better than trying to be in many different jobs/hustles					
	<b>Hope</b>						
10	Your generation will be better off than your parent's generation						
11	You will be better off 5 years from now than you are today						
12	You achieve the goals that you set for yourself						
	<b>Persistence</b>						
13	You are discouraged when things do not work out as planned						
14	When you encounter difficulties, you try to find alternative ways to get to the same result						
15	When things do not work out as planned, you try to relax with friends or some entertainment						

	<b>Dependability</b>					
16	<i>You always return a favor</i>					
17	<i>You try to do what you have promised to do</i>					
18	<i>You willingly take on work when your peers/friends are overloaded</i>					
	<b>Openness</b>					
19	<i>You often come up with new ideas</i>					
20	<i>You are curious about many different things</i>					
21	<i>You are often the first to know how to do something in a new way</i>					
	<b>Spirituality</b>					
22	<i>You trust in God/Allah</i>					
23	<i>You find strength in your religion or spirituality</i>					
24	<i>You desire to be closer to God or in union with Him</i>					
	<b>Belief in oneself (Locus of control)</b>					
25	<i>It's pretty hard for your friends to get you to change your mind</i>					
26	<i>You always give your true opinion in front of your friends, even if you think they might make fun of you</i>					
27	<i>You act the same way when you are alone as you do when you are with your friends</i>					
	<b>Social orientation</b>					
28	<i>People work best under close supervision</i>					
29	<i>If you could decide your future entirely on your own, your choices would be different</i>					
30	<i>You are easy going, relaxed and social</i>					
	<b>Family orientation</b>					
31	<i>Your adherence to the customs of your family determines your status within your family</i>					
32	<i>Your financial support in the family determines your status within your family</i>					
33	<i>You need to take care of your own success, even if that means doing things differently from how your family does them</i>					
	<b>Loyalty</b>					
34	<i>It isn't an easy thing to give your loyalty to someone you don't know</i>					
35	<i>A friend is someone who sticks with you when everyone else is walking out</i>					
36	<i>A person who deserves your loyalty receives it</i>					
	<b>Conviction</b>					
37	<i>You are in charge of your life</i>					
38	<i>You don't need the approval of others to succeed</i>					
39	<i>You are solution minded, and believe that any problem that comes up in life is solvable</i>					
<b>B3</b>	<b>Which of the following values do you consider the MOST important to you?</b>	<ol style="list-style-type: none"> <li>1. Respect</li> <li>2. Generosity</li> <li>3. Commitment</li> <li>4. Honesty</li> <li>5. Accountability</li> </ol>				<b>Single response</b>

<b>B4</b>	<b>[INTRAPERSONAL SKILLS]</b>							
	How would you assess your confidence level with respect to each of the following statements, on a scale of 1 to 5 where							
	1= Extremely not confident							
	2= Not confident							
	3=Fairly confident							
	4=Confident							
5=Extremely confident								
<b>Value Statement</b>					<b>Level of self-confidence</b>			
					<b>1</b>	<b>2</b>		
					<b>3</b>	<b>4</b>		
					<b>5</b>			
1	How you look, i.e. your physical appearance (SELF-ESTEEM)							
2	How you cope with your feelings (EMOTIONS)							
3	How you cope with difficult situations (STRESS)							
4	Knowledge of your strengths and weaknesses (SELF-AWARENESS)							
<b>B5</b>	<b>[INTERPERSONAL SKILLS]</b>							
	How much do you agree with following statements, on a scale of 1 to 5 where							
	1= Strongly disagree							
	2= Disagree							
	3=Neutral							
	4=Agree							
	5=Strongly agree							
	<b>Statement</b>					<b>Level of agreement with statement</b>		
						<b>1</b>	<b>2</b>	
						<b>3</b>	<b>4</b>	
						<b>5</b>		
	<b>INTERPERSONAL SKILLS</b>							
	1	You do things you don't want to since many other people are doing them (PEER PRESSURE RESISTANCE)						
	2	When you disagree with someone, you let them know in respectful manner (ASSERTIVENESS)						
	3	You ask questions to make sure you understand something someone has said (EFFECTIVE COMMUNICATION)						
	4	You respect other people's ways of looking at things, their lifestyles, and their attitudes (INTERPERSONAL RELATIONS)						
5	You always show concerned feelings for people who are less fortunate (EMPATHY)							
6	When you are buying something in the market, you always pay the amount the seller asks (NEGOTIATION)							
<b>DECISION MAKING SKILLS</b>								
7	When solving a big problem you will break it down into smaller portions (PROBLEM SOLVING)							
8	You will ask questions when you don't understand something (CURIOSITY)							
9	You will think of the consequences before you make any decision (CRITICAL THINKING)							
10	You will look at challenges with an open mind and seek solutions from all angles (CREATIVE THINKING)							
<b>B6</b>	<b>Generally, how often do you do the following, on a scale of 1 to 5 where</b>							

		<b>1 = Never</b> <b>2= Rarely</b> <b>3=Sometimes</b> <b>4=Often</b> <b>5=Always</b>					
		Statement	Level of agreement with statement				
			1	2	3	4	5
		<b>Social intelligence</b>					
1	Suit your language to the occasion						
2	Make promises that you intend to keep						
3	Acknowledge the value of other's views						
		<b>Hustling</b>					
4	Do any kind of work for as long as it can pay						
5	Question conventional ways of doing things and think of more efficient and effective alternatives						
6	Willing to take risks / not afraid to take on risk						
		<b>Leadership</b>					
7	Take responsibility for your own actions						
8	Treat everyone the same whether you like them or not						
9	Listen to the ideas of others even if you disagree with them						
		<b>Resourcefulness</b>					
10	Take initiative in finding solutions						
11	Able to come up with new ideas when solving problems						
12	Use your fear /frustration to push you to the finish line/ towards the desired solution						
		<b>Professionalism</b>					
13	Keep committed to a common goal						
14	Set a time limit in which to achieve your goals						
15	Own up to your mistakes						
		<b>Personal brand/presentation</b>					
16	Adapt your dressing mode based on the occasion						
17	Honestly respond to a question regardless of the consequence						
18	Use humor to express your point						
<b>B7</b>	<b>How often do you pray or meditate?</b>	1. Never 2. Less than once a month 3. A few times a month 4. A few times a week 5. Every day 990. Other (specify) 997. Refused to answer					
<b>B8</b>	Rate how often the following factors influence your decisions, using a scale of 1 to 5 where <b>1 = Never</b> <b>2= Rarely</b> <b>3=Sometimes</b> <b>4=Often</b>						

		<b>5=Always</b>				
		<b>Influencing factor</b>				
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1	Personal experience					
2	Close friends					
3	Feelings or emotions					
4	Parents/guardian					
5	Brothers and sisters					
6	Advertising					
7	Peer pressure					
8	Other adults					
9	Other youth					

#### 4 Soft skills, literacy, numeracy and digital learning

Finally, I am going to present to you a case study, and a few practical questions. First, the case study. I would request that you read the given story, and then I will ask you some questions with respect to what you have just read.

<b>Case study</b> Alex and Thomas are best friends. One day after school, they were playing football. Thomas's friend, Marie, was watching the game from the sideline. It was a very good game, and after a while, Thomas scored the first goal. Alex was on the other team and argued, saying that the goal didn't count. The two boys began to argue about the goal. Thomas said, "It was a goal! I scored." He was very angry because he was certain it had been a goal and he didn't understand why his friend Alex would not accept it. "No way, it was wide!" Alex shouted back angrily, and he started to move closer to Thomas on the pitch. "You are such a cheater," Thomas yelled, as he tried to push Alex away. Thomas really didn't want to have a fight with Alex – after all, he was his best friend – but he felt so angry. Suddenly, Alex hit Thomas, and the two boys began slapping and kicking one another. Marie didn't know what to do! She was very worried because Alex was much bigger than Thomas, and she was afraid that Thomas would be badly hurt.		<b>Let the respondent read the case study, then respond to the given questions.</b>  <b>Read the case study to the respondent if he/she cannot read.</b>
	<b>Was the respondent:</b> <b>1. Able to read by themselves or</b> <b>2. you read for them or</b> <b>997. Refused to participate.</b>	<b>997&gt;&gt;&gt;&gt;E6</b>
<b>E1</b>	<b>If you were Marie, what would you have done? (DECISION-MAKING AND PROBLEM-SOLVING)</b>	1. Watch them fight 2. Cheer them on 3. Separate them and try to reconcile them 4. Run away from them  <b>READ OUT OPTIONS</b>
<b>E2</b>	<b>Should Alex have hit Thomas? (COPING WITH STRESS AND EMOTIONS)</b>	1. Yes 2. No 3. Don't know 4. None of the above
<b>E3</b>	<b>Instead of hitting, what else</b>	1. Stop the game  <b>READ OUT</b>

	could Alex have done? <i>(PEACEFUL CONFLICT RESOLUTION)</i>	2. Run away 3. Look for someone to help 4. End friendship with Thomas	<b>OPTIONS</b>
E4	What could Alex have said to express his feelings to Thomas? <i>(COMMUNICATION)</i>	1. Insult Thomas 2. Honestly tell Thomas how he feels 3. Keep his feelings to himself 4. Gossip about Thomas with Marie	
E5	Should Thomas continue to be Alex's friend in future? <i>(COMMUNICATION AND INTER-PERSONAL RELATIONSHIPS)</i>	1. Yes 2. Don't Know 3. No 4. None of the above	
<b>[FUNCTIONAL LITERACY]</b>		<b>Day</b>	<b>Activity</b>
<p>The following are the tasks that were given to a farm supervisor.</p> <p><b>(USE SHOW CARD) Do not assist the respondent in reading the passage. If they are not able to read by themselves, then skip to E8</b></p>		Monday	Milking and Feeding cow, cutting grass, cleaning cowshed, watering seedbed
		Tuesday	Weeding, pruning, Milking and Feeding cow, picking ripe mangoes, Maintaining water pump
		Wednesday	Taking mangoes to market, spraying tomatoes with pesticides, watering seedbed, Milking and Feeding cow
		Thursday	Preparing farm (digging holes and putting manure) Maintaining water pump, Milking and Feeding cow
		Friday	Milking and Feeding cow, transplanting seedlings, watering the farm
E6	Identify the activity that the farm supervisor does everyday	1. Cleaning cowshed 2. Cutting grass 3. Maintaining water pump 4. Milking and Feeding cow 5. Picking ripe mangoes 6. Preparing farm (digging holes and putting manure) 7. Pruning 8. Spraying tomatoes with pesticides 9. Taking mangoes to market 10. Transplanting seedlings 11. Watering seedbed 12. Watering the farm 13. Weeding 997. Refused to answer 998. Don't know	<b>Single response</b>
E7	Which two activities take place two times in a week?	1. Cleaning cowshed, 2. Cutting grass, 3. Maintaining water pump 4. Milking and Feeding cow 5. Picking ripe mangoes, 6. Preparing farm (digging holes and putting manure) 7. Pruning	<b>Two responses</b>

		8. Spraying tomatoes with pesticides 9. Taking mangoes to market 10. Transplanting seedlings 11. Watering seedbed 12. Watering the farm 13. Weeding 997. Refused to answer 998. Don't know			
<b>[FUNCTIONAL NUMERACY]</b>  <b>Musa makes mandazis in his kiosk. He buys the following ingredients at the given price and uses them to make 200 mandazis</b>	<b>Item &amp; Quantity</b>	<b>Price (KShs.)</b>		<i>Let the respondent read the SHOW CARD, then respond to the given questions.</i>  <i>Read the SHOW CARD to the respondent if he/she cannot read.</i>	
	1 kg of Unga	100			
	4 eggs	10 per egg			
	1kg of Sugar	90			
	3L of Cooking oil	200			
<b>Was the respondent:</b> 1. Able to read by themselves or 2. you read for them or 997. Refused to participate				<b>997&gt;&gt;&gt;&gt;E11</b>	
<b>E8</b>	<b>How many eggs does he need to make 600 mandazis?</b>	997. Refused to answer 998. Don't know		<i>Enter number</i>	
<b>E9</b>	<b>He packs 10 mandazis in a packet and sells each packet at KShs 40. How much profit does he make if he sells all the 200 mandazis?</b>	997. Refused to answer 998. Don't know		<i>KShs.</i>	
<b>E10</b>	<b>Mark and label a country that borders Kenya</b>  <b>[GENERAL KNOWLEDGE]</b>	<b>Country</b>	<b>Correctly marked</b>	<b>Correctly labelled</b>	<i>Provide the Map of Africa</i>
		<i>(Provide list of countries)</i>	1. Yes 2. No	1. Yes 2. No	
<b>E11</b>	<b>[DIGITAL LEARNING]</b>  <b>Finally, I would like you to demonstrate to me how to</b>	<b>Task</b>	<b>Performance assessment</b>		
			1 <i>Done with ease</i>	2 <i>Done but with difficulty</i>	3 <i>Not able to do task</i>

<p><b>do the following tasks using a mobile phone</b></p> <p><i>Let respondent demonstrate tasks in either of the two categories:</i></p> <p><b>A = Tasks 1, 3, 5 and 7</b></p> <p><b>B = Tasks 2, 4, 6 and 7</b></p>	1	Send a text message			
	2	Send money to another phone			
	3	Buy airtime using mobile money			
	4	Send airtime to another phone number			
	5	Buy data bundles			
	6	Send a media e.g. photo using the WhatsApp application to another phone			
	7	Download your favorite music or video			