Appendix B: Youth Pre-program and Post-program Surveys

Youth Survey (pre-program)

Thank you for taking the time to complete this survey. This information will be used to evaluate the outcomes of the program you are participating in. Only you can help us improve the program for future students like you. Thank you for answering the following questions honestly and thoughtfully.

On scale from 0 to 100, rate your **Confidence** in performing the following Invention tasks:

	0 (1)	10 (2)	20 (3)	30 (4)	40 (5)	50 (6)	60 (7)	70 (8)	80 (9)	90 (10)	100 (11)
Engaging in the invention process (1)	С	C	C	C	C	C	C	C	C	С	С
Researching an invention need (2)	C	C	C	C	C	C	C	C	C	С	С
Defining an invention need (3)	C	C	C	C	C	C	C	C	C	С	С
Ideating, brainstorming and designing possible models/prototypes for your invention (4)	С	С	С	С	C	C	C	C	C	С	С
Selecting the best possible model/prototype for your invention (5)	С	C	C	C	C	C	C	C	C	С	С
Constructing a prototype/model of your invention (6)	С	С	C	C	C	C	C	C	C	С	С
Testing and evaluating a model/prototype of your invention (7)	С	C	C	C	C	C	C	C	C	С	С
Redesigning a model/prototype of your invention (8)	С	С	С	C	C	C	C	C	C	С	С
Marketing a model/prototype of your invention (9)	С	C	C	C	C	C	C	C	C	С	С

On scale from 0 to 100, rate how **motivated** you would be to perform the following Invention tasks:

	0 (1)	10 (2)	20 (3)	30 (4)	40 (5)	50 (6)	60 (7)	70 (8)	80 (9)	90 (10)	100 (11)
Engaging in the invention process (1)	С	C	C	C	C	C	C	C	C	С	С
Researching an invention need (2)	C	C	C	C	C	C	C	C	C	С	С
Defining an invention need (3)	С	C	C	C	C	C	C	C	C	С	С
Ideating, brainstorming and designing possible models/prototypes for your invention (4)	С	С	С	С	С	С	С	C	С	С	С
Selecting the best possible model/prototype for your invention (5)	С	C	C	C	C	C	C	C	C	С	С
Constructing a prototype/model of your invention (6)	С	С	C	C	C	C	C	C	C	С	С
Testing and evaluating a model/prototype of your invention (7)	С	C	C	C	C	C	C	C	C	С	С
Redesigning a model/prototype of your invention (8)	С	C	C	С	C	C	C	C	C	С	С
Marketing a model/prototype of your invention (9)	С	С	С	C	C	C	C	C	C	С	С

On scale from 0 to 100, rate how <u>successful</u> you would be at performing the following Invention tasks:

	0 (1)	10 (2)	20 (3)	30 (4)	40 (5)	50 (6)	60 (7)	70 (8)	80 (9)	90 (10)	100 (11)
Engaging in the invention process (1)	С	С	C	С	C	C	C	C	C	С	С
Researching an invention need (2)	С	C	C	C	C	C	C	C	C	С	C
Defining an invention need (3)	C	C	C	C	C	C	C	C	C	С	С
Ideating, brainstorming and designing possible models/prototypes for your invention (4)	С	С	С	С	C	С	С	С	С	С	С
Selecting the best possible model/prototype for your invention (5)	С	C	C	C	C	C	C	C	C	С	С
Constructing a prototype/model of your invention (6)	С	C	С	C	C	C	C	C	C	С	С
Testing and evaluating a model/prototype of your invention (7)	С	C	C	C	C	C	C	C	C	С	С
Redesigning a model/prototype of your invention (8)	С	C	C	C	C	C	C	C	C	С	С
Marketing a model/prototype of your invention (9)	С	C	С	C	C	C	C	C	C	С	С

On scale from 0 to 100, rate your <u>degree of anxiety</u> (how nervous you would feel) in completing the following Invention tasks:

	0 (1)	10 (2)	20 (3)	30 (4)	40 (5)	50 (6)	60 (7)	70 (8)	80 (9)	90 (10)	100 (11)
Engaging in the invention process (1)	С	С	C	С	C	C	C	C	C	С	С
Researching an invention need (2)	С	C	C	C	C	C	C	C	C	С	C
Defining an invention need (3)	С	C	C	C	C	C	C	C	C	С	С
Ideating, brainstorming and designing possible models/prototypes for your invention (4)	С	С	С	С	C	C	C	C	C	С	С
Selecting the best possible model/prototype for your invention (5)	С	C	C	C	C	C	C	C	C	С	С
Constructing a prototype/model of your invention (6)	С	C	C	C	C	C	C	C	C	С	С
Testing and evaluating a model/prototype of your invention (7)	С	C	C	C	C	C	C	C	C	С	С
Redesigning a model/prototype of your invention (8)	С	C	C	C	C	C	C	C	C	С	С
Marketing a model/prototype of your invention (9)	С	C	С	C	C	C	C	C	C	С	С

Have you attended an iINVENT Summer Camp before?
O Yes (1)
O No (2)

Youth Survey (post-program)

Thank you for taking the time to complete this survey. This information will be used to evaluate the
outcomes of the program you are participating in. Only you can help us improve the program for future
students like you. Thank you for answering the following questions honestly and thoughtfully.

On scale from 0 to 100, rate your **confidence** in performing the following Invention tasks:

	0 (1)	10 (2)	20 (3)	30 (4)	40 (5)	50 (6)	60 (7)	70 (8)	80 (9)	90 (10)	100 (11)
Engaging in the invention process (1)	С	C	C	C	C	C	C	C	С	С	С
Researching an invention need (2)	C	C	C	C	C	C	C	C	C	С	C
Defining an invention need (3)	C	C	C	C	C	C	C	C	C	С	С
Ideating, brainstorming and designing possible models/prototypes for your invention (4)	С	С	С	С	C	С	C	C	С	С	С
Selecting the best possible model/prototype for your invention (5)	С	C	C	C	C	C	C	C	C	С	С
Constructing a prototype/model of your invention (6)	С	C	С	C	C	C	C	C	C	С	С
Testing and evaluating a model/prototype of your invention (7)	С	C	C	C	C	C	C	C	C	С	С
Redesigning a model/prototype of your invention (8)	С	C	C	C	C	C	C	C	C	С	С
Marketing a model/prototype of your invention (9)	С	C	C	C	C	C	C	C	C	С	С

On scale from 0 to 100, rate how **motivated** you would be to perform the following Invention tasks:

	0 (1)	10 (2)	20 (3)	30 (4)	40 (5)	50 (6)	60 (7)	70 (8)	80 (9)	90 (10)	100 (11)
Engaging in the invention process (1)	С	С	C	C	C	C	C	C	C	С	С
Researching an invention need (2)	С	C	C	C	C	C	C	C	C	С	C
Defining an invention need (3)	C	C	C	C	C	C	C	C	C	С	С
Ideating, brainstorming and designing possible models/prototypes for your invention (4)	С	С	С	С	C	С	С	С	С	С	С
Selecting the best possible model/prototype for your invention (5)	С	C	C	C	C	C	C	C	C	С	С
Constructing a prototype/model of your invention (6)	С	C	С	C	C	C	C	C	C	С	С
Testing and evaluating a model/prototype of your invention (7)	С	C	C	C	C	C	C	C	C	С	С
Redesigning a model/prototype of your invention (8)	С	C	С	C	C	C	C	C	C	С	С
Marketing a model/prototype of your invention (9)	С	C	С	C	C	C	C	C	C	С	С

On scale from 0 to 100, rate how <u>successful</u> you would be at performing the following Invention tasks:

	0 (1)	10 (2)	20 (3)	30 (4)	40 (5)	50 (6)	60 (7)	70 (8)	80 (9)	90 (10)	100 (11)
Engaging in the invention process (1)	С	С	C	С	C	C	C	C	C	С	С
Researching an invention need (2)	С	C	C	C	C	C	C	C	C	С	C
Defining an invention need (3)	C	C	C	C	C	C	C	C	C	С	С
Ideating, brainstorming and designing possible models/prototypes for your invention (4)	С	С	С	С	C	С	С	С	С	С	С
Selecting the best possible model/prototype for your invention (5)	С	C	C	C	C	C	C	C	C	С	С
Constructing a prototype/model of your invention (6)	С	C	С	C	C	C	C	C	C	С	С
Testing and evaluating a model/prototype of your invention (7)	С	C	C	C	C	C	C	C	C	С	С
Redesigning a model/prototype of your invention (8)	С	C	C	C	C	C	C	C	C	С	С
Marketing a model/prototype of your invention (9)	С	C	С	C	C	C	C	C	C	С	С

On scale from 0 to 100, rate your <u>degree of anxiety</u> (how nervous you would feel) in completing the following Invention tasks:

	0 (1)	10 (2)	20 (3)	30 (4)	40 (5)	50 (6)	60 (7)	70 (8)	80 (9)	90 (10)	100 (11)
Engaging in the invention process (1)	С	С	C	С	C	C	C	C	C	С	С
Researching an invention need (2)	С	C	C	C	C	C	C	C	C	С	C
Defining an invention need (3)	С	C	C	C	C	C	C	C	C	С	С
Ideating, brainstorming and designing possible models/prototypes for your invention (4)	С	С	С	С	C	C	C	C	C	С	С
Selecting the best possible model/prototype for your invention (5)	С	C	C	C	C	C	C	C	C	С	С
Constructing a prototype/model of your invention (6)	С	C	C	C	C	C	C	C	C	С	С
Testing and evaluating a model/prototype of your invention (7)	С	C	C	C	C	C	C	C	C	С	С
Redesigning a model/prototype of your invention (8)	С	C	C	C	C	C	C	C	C	С	С
Marketing a model/prototype of your invention (9)	С	C	С	C	C	C	C	C	C	С	С

What was the most meaningful part of the Invention camp?	
Vhat part of the Invention camp did you get the most out of?	
Vhat would you change about the Invention camp for next year?	