



Tohoku University STEM Summer Program (TSSP) 2022 (tentative)

WEEK 1						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
19-Jun	20-Jun	21-Jun	22-Jun	23-Jun	24-Jun	25-Jun
AM 9:00 - 12:00	9:00-12:00 Opening Ceremony & Orientation Welcome Speech (Vice President, Prof. Yamaguchi) Introduction to Tohoku University (Prof. Kasukabe) Orientation for Tohoku University STEM Summer Program (Profs. Watanabe, Koike) Self-introduction (3 min PPT x 30=90 min) Campus Tour Aoba Memorial Hall (C03) Room No. 501, School of Engineering (工学研究科青葉記念会館501室) Aobayama Campus	9:00-12:00 Lecture 1 The 2011 Tohoku Earthquake Prof. Matsuzawa Research Center for Prediction of Earthquakes and Volcanic Eruption, Lecture room 1 (Building A (B32), Room No. 205) 地震・噴火予知研究観測センター 第一講義室 (A棟 (B32) 205号室) Aobayama Campus	9:00-9:30 Introduction to Quntum Theory Prof. Kasukabe 9:30-11:30 Challenging Experiments for Quantum Theory (1) Prof. Kasukabe Student Laboratories (A06) Kawauchi Campus	8:50-11:30 Lecture and Lab Visit 2 Introduction to aircraft design Prof. Nakamura Conference Room, 2nd Floor, 1st Building (C09) Institute of Fluid Science (流体科学研究所、第1棟2階会議室) Katahira Campus	9:00-12:00 Paper Aircraft Competition 2 Prof. Moriya, Prof. Watanabe & Prof. Koike Creative Engineering Center (D02) 創造工学研修センター Aobayama Campus	
	Arrive in Sendai	Lunch (with TU students)	Lunch (with TU students)	Lunch (with TU students)	Lunch (with TU students)	Lunch (with TU students)
PM 13:00 - 16:00	13:00-16:00 Interactive Japanese Language Instructors: Ms. Backley & Ms. Mikoda Self-introduction in Japanese Aobayama Commons (J41) Lecture Room No. 3 & 10, School of Agricultural Science (農学研究科青葉山コモンズ 第3及び第10講義室) Aobayama Campus	13:30-16:30 Japanese Culture 1 Ikebana (Flower arrangement) Prof. Chen Education and Student Support Center (A01), 4F Main Conference Room (教育学生総合支援センター 4階 大会議室) Kawauchi Campus	12:30-14:30 Challenging Experiments for Quantum Theory (2) Prof. Kasukabe 14:30-16:00 Group Work of Challenging Experiments for Quantum Theory Student Laboratories (A06) Kawauchi Campus	13:00-16:00 Paper Aircraft Competition 1 Prof. Moriya Creative Engineering Center (D02) 創造工学研修センター Aobayama Campus	13:00-16:00 Paper Aircraft Group Work Prof. Moriya, Prof. Watanabe & Prof. Koike Creative Engineering Center (D02) 創造工学研修センター Aobayama Campus	

WEEK 2						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
26-Jun	27-Jun	28-Jun	29-Jun	30-Jun	1-Jul	2-Jul
AM 9:00 - 12:00	9:00-12:00 Special Lecture 1 Material Science and Japanese Sword Smith Prof. Ohuchi Aoba Memorial Hall (C03) Room No. 501, School of Engineering (工学研究科青葉記念会館 501 室) Aobayama Campus		9:00-12:00 Japanese Culture 2 Rinnouji Temple and Experience in Zen Meditation Prof. Ohuchi & Prof. Kasukabe Rinnouji Temple (輪王寺)		9:00-12:00 Lecture and Lab Visit 4 Structural Metallic Materials for Industry Innovation Prof. Yoshimi Materials Science and Engineering (B01) Lecture room 2 (Room No. 102) (工学研究科材料科学棟(B01) 講義室2(102室)) Aobayama Campus	
	Lunch (with TU students)	8:30-18:00 Field Trip (Shiroishi (Castle) and Sward Smith)	Lunch (with TU students)	7:45-18:00 Field Trip (Ichinoseki and Toyota)	Lunch (with TU students)	
PM 13:00 - 16:00	13:00-16:00 Interactive Japanese Language Instructors: Ms. Backley & Ms. Mikoda Introducing Culture Aobayama Commons (J41) Lecture Room No. 3 & 10, School of Agricultural Science (農学研究科青葉山コモンズ 第3及び第10講義室) Aobayama Campus		13:00-16:00 Lecture and Lab Visit 3 Symmetry Breaking Create Nature Prof. Tanaka Lecture Room (2nd floor of Molecular Imaging Building(G12)), Cyclotron and Radioisotope Center (CYRIC) (分子イメージング棟(G12) 2階講義室、サイクロトロン・ラジオアイソトープセンター、北青葉山キャンパス) Aobayama Campus		13:00-16:00 Lecture and Lab Visit 5 Robotics for Space Exploration Prof. Yoshida Lecture Room Building-M.E (A02) in Aobayama campus, Lecture Room no.4 (機械系講義棟(青葉山キャンパスA02) 第四講義室) Aobayama Campus	

