



Tohoku University STEM Summer Program (TSSP) 2024

WEEK 1							
	Sun	Mon	Tue	Wed	Thu	Fri	Sat
	16-Jun	17-Jun	18-Jun	19-Jun	20-Jun	21-Jun	22-Jun
AM 9:00 - 12:00		<p>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 (1 min PPT x 30=30 min)</p> <p>4F Lecture Hall, Aoba Memorial Hall (C03), Engineering (C03) (青葉記念会館 (C03) 4階大会議室) on Aobayama East Campus</p> <p>Aobayama Campus</p>	<p>9:00-12:00 Lecture 2 Sendai's 17th-century mission to the Vatican: Its intent and influence thereof on Japanese culture Prof. Shidara</p> <p>4F Lecture Hall, Aoba Memorial Hall (C03), Engineering (C03) (青葉記念会館 (C03) 4階大会議室) on Aobayama East Campus</p> <p>Aobayama Campus</p>	<p>9:00-12:00 /13:00-16:00 Challenging Experiments for Quantum Theory (1): Interference effect of light Prof. Kasukabe</p> <p>Student Laboratories (A06) on Kawauchi Campus</p> <p>Kawauchi Campus</p>		<p>9:00-12:00 Lecture and Lab Visit 3 Artemisinin, from potent antimalarial agent to new anti-cancer therapeutics Prof. Sasaki</p> <p>Here We Go Again!: Reflections on Applying to Grad School Ms. Escalona</p> <p>4F Lecture Hall, Aoba Memorial Hall (C03), Engineering (C03) (青葉記念会館 (C03) 4階大会議室) on Aobayama East Campus</p> <p>Aobayama Campus</p>	
	Arrive in Sendai	Lunch (with TU students)	Lunch (with TU students)	Lunch (with TU students)		(Earthquake and Tsunami Disaster: Lesson from 3.11 Tohoku Great Earthquake)	Lunch (with TU students)
PM 13:00 - 16:00		<p>14:00-17:00 Lecture and Lab Visit 1 Tsunami disaster mitigation Prof. Suppasri</p> <p>International Research Institute of Disaster Science (J31) Multi-purpose hall (1st floor) (災害科学国際研究所(J31)1階多目的ホール), on New Aobayama campus</p> <p>Aobayama Campus</p>	<p>13:30-16:30 Japanese Culture 1 Japanese Flower Arrangement (Kado) Prof. Chen</p> <p>Engineering Laboratory Complex Building (C10), Lecture Room 1, Room No.101 School of Engineering (工学研究科総合研究棟講義室 1, 101室) on Aobayama East Campus</p> <p>Aobayama Campus</p>	<p>9:00-12:00 /13:00-16:00 Challenging Experiments for Quantum Theory (2): Vibrational modes of strings and music Prof. Kasukabe</p> <p>Student Laboratories (A06) on Kawauchi Campus</p> <p>Kawauchi Campus</p>		<p>13:00-16:00 Interactive Japanese Language Instructors: Ms. Backley & Ms. Mikoda Introducing yourself and getting to know Japanese people</p> <p>Aobayama Commons (J41) Lecture Room No. 1 & 2, School of Agricultural Science (農学研究科青葉山コモンズ 第1及び第2講義室) on Aobayama New Campus</p> <p>Aobayama Campus</p>	

WEEK 2								
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun	29-Jun	
AM 9:00 - 12:00		<p>8:50-11:30 Lecture and Lab Visit 4 Introduction to aircraft design Prof. Abe</p> <p>Conference Room, 5th Floor, 2nd Building (C10), Institute of Fluid Science (流体科学研究所、2号館5階会議室) on Katahira Campus</p> <p>Katahira Campus</p>		<p>9:00-12:00 Paper Aircraft Competition 1 Prof. Takahashi</p> <p>Creative Engineering Center (D02) 創造工学研修センター on Aobayama East Campus</p> <p>Aobayama Campus</p>	<p>9:00-12:00 Lecture and Lab Visit 7 Introduction to Spintronics Former President, Prof. Ohno</p> <p>Laboratory for Nanoelectronics and Spintronics (E04) (ナノスピントニクス実験施設) A401 on Katahira Campus</p> <p>Katahira Campus</p>		<p>8:40-12:00 Japanese Culture 2 Rinno-ji (temple) 輪王寺 and Shikan taza 只管打坐 (zazen for its own sake) Prof. Koike & Prof. Kasukabe</p> <p>Rinnouji Temple (輪王寺)</p>	
		Lunch (with TU students)	9:00-17:10 Field Trip (Shiroishi (Castle) and Sword Smith Workshop)	Lunch (with TU students)	Lunch (with TU students)	Lunch (with TU students)	Lunch (with TU students)	
PM 13:00 - 16:00		<p>13:00-16:00 Lecture and Lab Visit 5 Secrets of the Japanese swords Prof. Ohuchi</p> <p>4F Lecture Hall, Aoba Memorial Hall (C03), Engineering (C03) (青葉記念会館 (C03) 4階大会議室) on Aobayama East Campus</p> <p>Aobayama Campus</p>			<p>13:00-16:00 Lecture and Lab Visit 6 Research Expedition in Antarctic Waters Prof. Okoshi</p> <p>Aobayama Commons (J41) Lecture Room No. 1, School of Agricultural Science (農学研究科青葉山コモンズ) on Aobayama New Campus</p> <p>Aobayama Campus</p>	<p>13:00-16:00 Paper Aircraft Competition 2 Prof. Takahashi, Prof. Watanabe & Prof. Koike</p> <p>Creative Engineering Center (D02) 創造工学研修センター on Aobayama East Campus</p> <p>Aobayama Campus</p>	<p>13:00-16:00 Interactive Japanese Language Instructors: Ms. Backley & Ms. Mikoda Shopping and ordering food and drinks</p> <p>Aobayama Commons (J41) Lecture Room No. 1 & 2, School of Agricultural Science (農学研究科青葉山コモンズ 第1及び第2講義室) on Aobayama New Campus</p> <p>Aobayama Campus</p>	

