Event Announcements of Maker Bases of October 2020

Organized by	Course Content
Taipei-	Maker Practice : Self-made 3D Printer Equipment
Keelung-	Time: 7 th and 8 th October, 09: 00-16: 00
Yilan-	Location: Taipei-Keelung-Yilan-Hualien-Kinmen-Matsu Regional Branch,
Hualien-	IoT maker base
Kinmen-	Content: Assembly, analysis and presentation, motor electricity adjustment,
Matsu	feeding mechanism commentary, and platform adjustment.
Regional	Object: All Citizens
Branch	Link: https://www.facebook.com/makerbase (enrollment ended)
	Course Name: Develop an IoT smart home integration platform based on
Toingi	Home Assistant
Taipei- Keelung-	Time: 15 th , 16 th , 22 nd , and 23 rd October, 13:00-16:00
Yilan-	Location: Taipei-Keelung-Yilan-Hualien-Kinmen-Matsu Regional Branch
Hualien-	IoT maker base
Kinmen-	Content: This workshop is based on the open source project "Home
Matsu	Assistant" to integrate multiple smart house sensors by using tree
Regional	berry pie (Raspberry Pi. 3B) for main core control, and create a
Branch	personalized smart home environment.
Dianen	Object: All Citizens
	Link: https://www.facebook.com/makerbase (enrollment ended)
	Course Name: Self-made IoT WiFi scoring game module
Taipei-	Time: 28 th and 27 th October, 09:00-16:00
Keelung-	Location: Taipei-Keelung-Yilan-Hualien-Kinmen-Matsu Regional Branch
Yilan-	IoT maker base
Hualien-	Content: In MQTT architecture servers build the network layer, control data
Kinmen-	for the cloud storage and management of transmission, completion of
Matsu	things distal end applications without limitation limits
Regional	implementation.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerbase (enrollment ended)
	Course Name: 2020 Taiwan Workers' Day
Taoyuan-	Time: 17 th October, 11:00-19:00
Hsinchu-	Location: Warehouse No. 4, Songshan Cultural and Creative Park, Taipei
Miaoli	Content: The Taiwan man-days post event dynamic fashion show, designers
Regional	Showroom room exhibition, the Ministry of Labor highlights
Branch	talent show booths, set-off fashion to send Gifts activities and
	interactive art installations and so on.

Organized by	Course Content
	Object: All Citizens
	Link: https://www.facebook.com/FashionDesignMakerSpace/
Taoyuan-	Course Name: Grasp the essentials of cultural and creative trend
Hsinchu-	management
Miaoli	Time: 31st October, 13:30-16:30
Regional	Location: Taoyuan-Hsinchu-Miaoli Regional Branch, Fashion Design Maker
Branch	Space
	Content: A talk on management given by the co-founder of the well-known
	"InBloom" corporate.
	Object: All Citizens
	Link: https://www.facebook.com/FashionDesignMakerSpace/
Taoyuan-	Course Name: Digital embroidery machine operation course
Hsinchu-	Time: 30 th October30, 10:00-17:00
Miaoli	Location: Taoyuan-Hsinchu-Miaoli Regional Branch, Fashion Design Maker
Regional	Space
Branch	Content: This course is offered for those who are interested and qualified for
	the selection. The course will provide basic operation of a single-
	head six-color electronic embroidery machine and an introduction to
	the related conversion procedures.
	Object: 14-year-old or above is preferred, possesses clothing, sewing and
	other related operations or ability certificates [Note], and aims to
	become a clothing or textile practitioner are welcomed to join us.
	[Note]: Studying in clothing design and other related disciplines, or
	engaged in garment industry, trademark weaving, embroidery lace,
	webbing, lace, ribbon and textile related industries. Those who have
	not obtained the C-level clothing technician license, please upload
	the relevant academic qualifications or work certificates.
	Link: https://www.facebook.com/FashionDesignMakerSpace/
	Course Name: Basic training course- CNC software teaching and CNC 3-
m · 1	axis engraving machine (key house)
Taichung-	Time: 7 th and 8 th October, 18:30-21:30 Location: Taichung-Changhua-Nantou Regional Branch TCN MAKER
Changhua-	BASETAICHUNG
Nantou	Content: Students are expected to practice CNC software and perform CNC
Regional	production.
Branch	Object: Members Only
	Link: https://ys.tcnr.gov.tw/activity_detail.php?id=1213
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Taichung-	Course Name: Equipment and software basic operation course—Arduino

Organized by	Course Content
Changhua-	Session and Laser Engraving Operation (UV Utensil Box)
Nantou	Time: 13 th and 15 th October, 18:30-21:30
Regional	Location: Taichung-Changhua-Nantou Regional Branch, TCN MAKER
Branch	BASENANTOU
	Content: Students are expected to produce works by performing Arduino
	with laser engraving.
	Object: Members Only
	Link: https://ys.tcnr.gov.tw/
	Course Name: Makers' Skill Workshop-Laser Engraving Frame
Taichung-	Time: 17 th and 18 th October, 09:00-17:00
Changhua-	Location: Taichung-Changhua-Nantou Regional Branch, TCN MAKER
Nantou	BASENANTOU
	Content: Students are expected to practice laser engraving and make photo
Regional	frames.
Branch	Object: Members Only
	Link: https://ys.tcnr.gov.tw/
	Course Name: 2020 Makers' Festival-MAKER WONDERLAND
Taichung-	Time: 24 th and 25 th October24, 09:00-17:00
Changhua-	Location: Feng Chia University
Nantou	Content: On-site selection of makers' works display, hand-made experience
Regional	opportunities, and crafting competitions.
Branch	Object: All Citizens
	Link: https://ys.tcnr.gov.tw/
	Course Name: Equipment and software basic operation course—Software
	session and 3D Printing Operation
Taichung-	Time: 28 th and 29 th October, 18:30-21:30
Changhua-	Location: Taichung-Changhua-Nantou Regional Branch, TCN MAKER
Nantou	BASETAICHUNG
Regional	Content: Students are expected to learn how to use software for 3D Printing
Branch	Operation and practice production process.
	Object: All Citizens
	Link: https://ys.tcnr.gov.tw/activity_detail.php?id=1218
	Course Name: Makers' Topic—Sustainable Fasion, Eco-friendly Clothing
Taichung-	Time: 31st October
Changhua-	Location: Taichung-Changhua-Nantou Regional Branch, TCN MAKER
Nantou	BASETAICHUNG
Regional	Content: Combing sustainability, eco-friendly, and fashion, please join us to
Branch	engage in the global sustainable fashion trend.
	Object: All Citizens
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Organized by	Course Content
	Link: https://ys.tcnr.gov.tw/activity_detail.php?id=1217
Taichung- Changhua- Nantou Regional Branch	Course Name: Makers' Joy-Spherical Mini Car Time: 31st October, 1st, 7th, and 8th November, 09:30-17:00 Location: Taichung-Changhua-Nantou Regional Branch, TCN MAKER BASETAICHUNG Content: Arduino Programming, Basic Electricity, and 3D Printing. Object: All Citizens Link: https://ys.tcnr.gov.tw/
Yunlin- Chiayi- Tainan Regional Branch	Course Name: National Champion of Skills Workshop-Cutting your own hair Time: 6 th October, 18:30-21:30 Location: Southern Taiwan Maker Center Content: Students are expected to practice cutting your own hair Object: All Citizens Link: https://southmaker.wda.gov.tw/Course/List
Yunlin- Chiayi- Tainan Regional Branch	Course Name: Technical drawing: Actual Size Marking Time: 7 th October, 18:30-21:30 Location: Southern Taiwan Maker Center Content: Students are expected to practice technical drawing Object: All Citizens Link: https://southmaker.wda.gov.tw/Course/List
Yunlin- Chiayi- Tainan Regional Branch	Course Name: National Champion of Skills Workshop-Hand-made Tissue Pack Time: 7 th October, 18:30-21:30 Location: Southern Taiwan Maker Center Content: Students are expected to practice to process of making a tissue pack. Object: All Citizens Link: https://southmaker.wda.gov.tw/Course/List
Yunlin- Chiayi- Tainan Regional Branch	Course Name: Technical drawing: Discussion Time: 14 th October, 18:30-21:30 Location: Southern Taiwan Maker Center Content: Students are expected to practice technical drawing Object: All Citizens Link: https://southmaker.wda.gov.tw/Course/List

Organized by	Course Content
Yunlin- Chiayi- Tainan Regional Branch	Course Name: Old Jeans Reuse Time: 14 th October, 9:30-16:30 Location: Southern Taiwan Maker Center Content: Students are expected to transform old jeans into a new apron Object: All Citizens Link: https://southmaker.wda.gov.tw/Course/List
Yunlin- Chiayi- Tainan Regional Branch	Course Name: Basic Operation Digital embroidery Time: 14 th October14, 18:30-21:30 Location: Southern Taiwan Maker Center Content: Students are expected to practice basic operation process of digital embroidery machine. Object: All Citizens Link: https://southmaker.wda.gov.tw/Course/List
Yunlin- Chiayi- Tainan Regional Branch	Course Name: National Champion of Skills Workshop- Elementary Graphic Design Time: 15 th October15, 18:30-21:30 Location: Southern Taiwan Maker Center Content: An Introduction to Graphic Design Object: All Citizens Link: https://southmaker.wda.gov.tw/Course/List
Yunlin- Chiayi- Tainan Regional Branch	Course Name: Rose bud made by Welding Time: 18 th October, 18:30-21:30 Location: Southern Taiwan Maker Center Content: Students are expected to make rose flowers by practice welding Object: All Citizens Link: https://southmaker.wda.gov.tw/Course/List
Yunlin- Chiayi- Tainan Regional Branch	Course Name: Elementary 3D Modelling Time: 20 th October, 18:30-21:30 Location: Southern Taiwan Maker Center Content: An Introduction to 3D modelling Object: All Citizens Link: https://southmaker.wda.gov.tw/Course/List

Organized by	Course Content
Yunlin- Chiayi- Tainan Regional Branch	Course Name: Proximity card Reform Workshop Time: 27 th October, 18:30-21:30 Location: Southern Taiwan Maker Center Content: Students are expected to practice to reform prox cards Object: All Citizens Link: https://southmaker.wda.gov.tw/Course/List
Kaohsiung- Pingtung- Penghu- Taitung Regional Branch	Course Name: Metal Processing-Polishing Time: 14 th October, 18: 30-21: 30 Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist., Kaohsiung City) Content: Students are expected to practice different polishing skills to display various textures on the metal service. Advanced polishing skills will be given in the class as well. Object: All Citizens Link: https://www.facebook.com/makerinn2018/
Kaohsiung- Pingtung- Penghu- Taitung Regional Branch	Course Name: Brass Utensil Production Time: 15 th October15, 18: 30-21: 30 Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist., Kaohsiung City) Content: Students are expected to practice brass processing to produce desert utensils with techniques of sawing, raising and sinking in the class. Object: All Citizens Link: https://www.facebook.com/makerinn2018/
Kaohsiung- Pingtung- Penghu- Taitung Regional Branch	Course Name: Machine stitching for making card holders Time: 16 th October, 18: 30-21: 30 Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist., Kaohsiung City) Content: Advanced machine stitching session for making card holders by using the sketches done in the previous classes. Object: All Citizens Link: https://www.facebook.com/makerinn2018/
Kaohsiung- Pingtung- Penghu- Taitung Regional Branch	Course Name: Leather Zipper Wallet -Leather Processing Time: 17 th October, 09: 30-12: 30 Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist., Kaohsiung City) Content: Students are expected to understand leather, process methods, and leather dying approaches. Object: All Citizens

Organized by	Course Content
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Leather Zipper Wallet – Stitching a zip to leather bags.
Kaohsiung-	Time: 17 th October, 14:00-17:00
Pingtung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Penghu-	Kaohsiung City)
Taitung	Content: In this session, we will teach students stitching zippers to leather
Regional	bags.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Introduction to Timbers
Kaohsiung-	Time: 18 th October, 10: 00-12: 00
Pingtung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Penghu-	Kaohsiung City)
Taitung	Content: In this course, we will invite timber wholesalers to introduce the
Regional	classification, texture, and processing methods of timber.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Wooden Tissue Holder
Kaohsiung-	Time: 18 th October, 14: 00-17: 00
Pingtung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Penghu-	Kaohsiung City)
Taitung	Content: In this course, we will teach students to practice the basic operation
Regional	of woodworking machinery and assembly to make a tissue holder.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Leather Carving Bracelet
Kaohsiung-	Time: 21st October, 18: 30-21: 30
Pingtung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Penghu-	Kaohsiung City)
Taitung	Content: This session will teach students how to add patterns on leather
Regional	surfaces by using particular tools and make leather bracelets.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/

Organized by	Course Content
	Course Name: Metal corrosion on Transverse Flute-Metal corrosion
Vachainea	Time: 22 nd October, 18: 30-21: 30
Kaohsiung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Pingtung-	Kaohsiung City)
Penghu-	Content: In this course, we will give an introduction to flute acoustics. Later,
Taitung	we will lead students to practice metal corrosion to decorate the
Regional	musical instrument.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Metal corrosion on Transverse Flute: Maintenance & Repair
Kaohsiung-	Time: 23 rd October, 18: 30-21: 30
Pingtung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Penghu-	Kaohsiung City)
Taitung	Content: Students are expected to play a flute as producing different scales
Regional	of musical notes.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Wooden Gear Little Monsters-Design
	Time: 24 th October, 9: 30~12: 30
Kaohsiung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Pingtung-	Kaohsiung City)
Penghu-	Content: In this session, we will introduce wooden gear working principles.
Taitung	Later, we will lead students to produce wooden gear by using laser
Regional	engraving. Finally, students are expected to combine the previous
Branch	steps to make little monsters.
	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Wooden Gear Little Monsters - Manufacture
Kaohsiung-	Time: 24 th October, 14: 00~17: 00
Pingtung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Penghu-	Kaohsiung City)
Taitung	Content: Students are expected to operate the laser engraving machine,
Regional	assemble, and sanding to make small monsters.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/

Organized by	Course Content
Kaohsiung-	Course Name: Gemstone Family-Crystal (Quartz) Group
	Time: 24 th October, 14: 00~17: 00
	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Pingtung-	Kaohsiung City)
Penghu- Taitung	Content: In this session, we will lead student learn the knowledge of
Regional	common gemstones, crystal, to understand its texture and making
Branch	bracelets.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Wooden and Metal Utensils-Making Wooden handles
Kaohsiung-	Time: 25 th October, 9: 00~12: 00
Pingtung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Penghu-	Kaohsiung City)
Taitung	Content: In this session, participants are expected to make customized
Regional	utensils for themselves by performing sawing, sanding and carving
Branch	skills.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Wooden and Metal Utensil-Metal Cutting and Sawing
	Time: 25 th October, 13: 30~16: 30
Kaohsiung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Pingtung-	Kaohsiung City)
Penghu-	Content: In this session, we will lead students to perform metal sawing to
Taitung	shape the front part of utensils, later combine the metal and timber
Regional	parts by using rivets with a final surface polishing to finish their
Branch	works.
	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
Kaohsiung- Pingtung- Penghu-	Course Name: Wooden three-dimensional puzzle-Design
	Time: 29 th October, 18: 00~21: 00
	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Taitung	Kaohsiung City)
Regional	Content: Design the style of the puzzle.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/

Organized by	Course Content
-	Course Name: Wooden three-dimensional puzzle-Making
Kaohsiung-	Time: 30 th October, 18: 00~21: 00
Pingtung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Penghu-	Kaohsiung City)
Taitung	Content: In this session, students are expected to use the structure of the
Regional	puzzle to create a three-dimensional puzzle.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Lecture given by National Champions of Skills -CNC
	TURNING
Kaohsiung-	Time: 31^{st} October, $9:00\sim12:00$
Pingtung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Penghu-	Kaohsiung City)
Taitung	Content: In this session, we have honor guests, national champions of skills,
Regional	to talk about the journey of becoming national candidates of skills
Branch	and the competition experiences they've been through.
	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Woodworking Pen-Making
Kaohsiung-	Time: 31 st October, 13: 30~16: 30
Pingtung-	Location: Maker Inn (3F., No. 105, Kaixuan 4th Rd., Qianzhen Dist.,
Penghu-	Kaohsiung City)
Taitung	Content: In this session, we will have honor guests, national champions of
Regional	skills, to teach students practicing CNC Turning machine operation
Branch	to make customized woodwork pens.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Heat Shrinking Film Vintage Cartoon Key Rings
Kaohsiung- Pingtung-	Time: 18 th October, 14: 00~17: 00
	Location: Maker Base Penghu
Penghu-	Content: In this session, the teacher will explain the features of heat
Taitung	shrinking film and heat gun usages. Later, students are expected to
Regional	draw their favorite cartoon characters on the films and finish
Branch	adorable key rings.
Dimion	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/

Organized by	Course Content
Kaohsiung-	Course Name: Heat Shrinking Film and Glue DispensingSketching
	Time: 22 nd October, 10: 00-12: 00
Pingtung-	Location: Maker Base Penghu
Penghu-	Content: In this session, students will first design the graphics of their
Taitung	customized artworks and collect materials they required.
Regional	Object: All Citizens
Branch	Link: https://www.facebook.com/makerinn2018/
	Course Name: Heat Shrinking Film and Glue Dispensing-Outlining
Kaohsiung-	Time: 22 nd October, 14: 00-16: 00
Pingtung-	Location: Maker Base Penghu
Penghu-	Content: In this session, students are expected to outline the shape of their
Taitung	previously finished patterns by raising glue on the edge of the heat
Regional	shrinking film, and finish their works with heat guns.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
	Course Name: Heat Shrinking Film and Glue Dispensing-Coloring
Kaohsiung-	Time: 23 rd October, 10: 00-12: 00
Pingtung-	Location: Maker Base Penghu
Penghu-	Content: In this session, students will match the crystal glue color they need
Taitung	and start coloring. In the process, you can add some embellishments
Regional	as needed.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/
TZ 1 '	Course Name: Heat Shrinking Film and Glue Dispensing-Finishing
Kaohsiung-	Time: 23 rd October, 14: 00-16: 00
Pingtung-	Location: Maker Base Penghu
Penghu-	Content: In this session, students will complete the glue coloring and spray
Taitung	protective paint after the work is completely dry.
Regional	Object: All Citizens
Branch	Link: https://www.facebook.com/makerinn2018/
	Course Name: 3D Printing Software
Kaohsiung-	Time: 25 th October, 10: 00-12: 00
Pingtung-	Location: Maker Base Penghu
Penghu-	Content: In this session, we will explain how to design personal favorite
Taitung	shapes by using 3D Printing software, students have to take their own laptop
Regional	to the class.
Branch	Object: All Citizens
	Link: https://www.facebook.com/makerinn2018/

Organized by	Course Content
Kaohsiung- Pingtung- Penghu- Taitung	Course Name: 3D Printing Mini Car Time: 25 th October, 14: 00-17: 00 Location: Maker Base Penghu Content: Students are expected to print out their drawings by performing 3D
Regional Branch	printing and combine the parts of mini cars. Object: All Citizens Link: https://www.facebook.com/makerinn2018/