



MDEC

#mydigitalmaker
Be a Dreamer. Be a Maker.

Creating a Nation of Digital Makers via
PUBLIC-PRIVATE-ACADEMIA PARTNERSHIP



HOW WE DO IT

- 1 Supporting MoE to integrate computational thinking (CT) and computer science (CS) into the national school curriculum, ready for rollout since 2017.
- 2 Partnering with industry and academia to nurture and groom talented young Malaysians to become future digital innovators.

The movement aims to:

- Cultivate interests and skills in digital innovation and creativity among Malaysian youth.
- Encourage students to study STEM subjects in upper secondary schools and Premier Digital Tech University undergraduate courses.
- Transform Malaysian youth from being consumers (users) to producers and innovators (makers) of digital technology.
- Strengthen talent readiness for connected economy job opportunities.

IMPACT TO DATE > 1.29 MILLION STUDENTS

EXPOSURE TO ALL

Revising the ICT curriculum in schools

ALL

schools integrated with
CT & CS

88,000

teachers trained in
CT & CS

39

Continuous Professional
Development Centers
established

NURTURING THE INTERESTED

Introducing co-curricular Clubs

60

Industry Partners
collaborated

24

Champion Schools
established

79

Digital Maker Hubs
established

GROOMING THE TALENTED

National Level Competitions

407

Digital Ninjas
groomed

FROM USER...

...TO INNOVATOR



PROGRAMS AND OPPORTUNITIES

OVERVIEW

Primary and Secondary Schools, School Students, Educators
For digital education / EdTech Purposes

01 MONETARY*

- Purchase or rental of tools or hardware (such as 3D Printer, Arduino Kits, Robotics Kits, Laptops, Desktops, Printers, Projectors, Routers, Access Points, Servers)
- Purchase of software or content (such as eBook, content subscription, Productivity Suite, Learning Management System, Unity game engine)
- Venue rental
- Scholarship
- Internship allowances
- Awards and prizes
- Logistic fees (such as accommodation, airfares, meal allowances) for competition and learning visits

02 NON-MONETARY*

- Online or offline engagement such as becoming a speaker, facilitator, mentor or judge
- Organise / conduct programmes (such as events, competitions, workshops)
- Internship opportunities
- Loan of tools, hardware and equipment

***Contributions are not limited to items listed**

TEACHER TRAINING IN DIGITAL TECH

Beginning 2017 supported by MDEC, MoE has integrated Computational Thinking (CT) and Computer Science (CS) in National School Curriculum

For more information, click here:

<https://mydigitalmaker.com/teachers-training/>

**BECOME A SPONSOR / TRAINING PARTNER TO
TRAIN TEACHERS IN DIGITAL TECH**



CONTACT:

MR JOHAN

johan.termizi@mdec.com.my



DIGITAL TECH CO-CURRICULUM MODULES

Exciting modules to assist teachers and students in kick-starting their co-curricular activities in schools

Current modules are downloadable at

<https://mydigitalmaker.com/parents/co-curricular-activities/>

**BECOME A CONTENT PARTNER TO DEVELOP
DIGITAL TECH CO-CURRICULUM MODULE**

CONTACT:

MR JOHAN

johan.termizi@mdec.com.my



DIGITAL COUNSELLOR PLATFORM

A one-stop platform to sustain engagement with career counselors via digital adoption, providing access to:

VIRTUAL MENTORING
(Industry & Academia)

RESOURCES

DISCUSSION/NEWS FEED

EVENT UPDATES

Tracking and Monitoring

**Pilot with
500 Users**

**Went live in
July 2019**

**Reward for most
active engagement**

For more information, click here: <http://bit.ly/DigitalCounsellor>

FUTURE INNOVATORS SCHOOL

Producing Tech Innovators for the Future

- Outstanding digital innovation and entrepreneurial skills
- Strong cognitive and communications skills
- Globally competitive
- Producing IP/ Patents / Inventions

**BECOME A PARTNER FOR 1 OR MORE KEY
COMPONENTS OF THE SCHOOL**



CONTACT:

MS FARA

fara.husna@mdec.com.my



CHAMPION SCHOOLS

Champion schools are public schools that act as nucleus to support neighbouring schools in cultivating digital creativity and innovation.

Key features:

- Digital Maker Hub
- Digital Maker Clubs
- Digital Maker Champion Students
- Professional Development for Educators in CT & CS
- Participating in digital making competitions
- Workshops & awareness for surrounding schools
- Industry / IHL linkages

For more information, click here:

<https://mydigitalmaker.com/programmes/champion-school/>

**ADOPT A PUBLIC SCHOOL TO SUPPORT THEIR
TRANSFORMATION TO BECOME CHAMPION SCHOOL**



CONTACT:

MS FARA

fara.husna@mdec.com.my



DIGITAL MAKER HUB

Digital Maker Hub (DMH) is a physical space in the community to bring the school and community members – kids, educators, parents, industry experts together to encourage the activity of digital making.

DMH is equipped with diverse tools, materials and learning resources which are made available for the public to embark on digital making projects.

Find out locations of DMH:

<https://mydigitalmaker.com/dmh/>

Establish and Host a Digital Maker Space:

https://mydigitalmaker.com/wp-content/uploads/2020/06/DMH-Playbook-2020-latest_compressed.pdf

ESTABLISH A PHYSICAL CENTER AND HOST A DIGITAL MAKER HUB



CONTACT:

MR FAIZUL

faizul@mdec.com.my



DIGITAL NINJA

A leadership and digital making skills enhancement program targeted at Malaysia's best and brightest young digital innovators aged 13-17.

The program consists of accelerator camps during school holidays, Digital Ninja Leadership Boot Camp as well as 2-3 weeks career immersion with digital tech companies.

For more information, click here:

<https://mydigitalmaker.com/digital-ninjas/>

BECOME A SPONSOR/SPEAKER/HOST OF DIGITAL NINJA PROGRAMME



CONTACT:

MS AZURA

azura@mdec.com.my



#MYDIGITALMAKER FAIR

#MYDIGITALMAKER FAIR is a hands-on, minds-on annual extravaganza event designed for students, teachers and families. This is a family-friendly festival of invention, creativity, and resourcefulness and a celebration of the digital maker movement. The event witnessed approximately 20,000 visitors and it was a huge success.

For more information, click here:
<https://mydigitalmakerfair.com/>

BECOME A SPONSOR / EXHIBITOR / ADOPT A SCHOOL TO #MYDIGITALMAKER FAIR 2020



CONTACT:

MR CHUNG

chung@engagemedia.com.my



WHAT'S IN IT FOR YOU?

**JOIN THE #MYDIGITALMAKER COMMUNITY
AND RECEIVE THESE BENEFITS:**

- SHOUT OUT AND HIGHLIGHT ON SOCIAL MEDIA #MYDIGITALMAKER
- EXCLUSIVE INVITATION TO #MYDIGITALMAKER RELATED EVENTS
- PUBLICITY AND PR
- LOGO PLACEMENT ON WEBSITE, SOCIAL MEDIA, SCHOOL

CONTACT US



mydigitalmaker.com



mydigitalmaker@mdec.com.my



facebook.com/mydigitalmakermovement



instagram.com/mydigitalmaker_my