STEM ACADEMY

OFFICIAL EDUCATION PARTNER Bambu Lab

AGES 6–12 · 1-DAY WORKSHOP

Toy Maker Lab

Design a toy. Print it. Play with it — all in one day.

Ages 6–12 | 1 day | 9:30am – 3:30pm | Hands-on printing



Children dream up a toy, design it in Tinkercad, and print it on a Bambu Lab 3D printer themselves. By the end of the day they are racing, spinning and showing off a toy they made from scratch.

What you get

- **Choose your toy**
  Spinning top, fidget, mini car or a character figurine
- **Every child prints their own**
  They slice the toy and send it to the Bambu Lab printer themselves
- **Play-test challenges**
  Longest spin, fastest car and the best design
- **Take it home**
  Their printed toy and a participation certificate
- **RM100 voucher**
  Towards Little Makers 3D Academy, valid 30 days

1-day workshop

RM229

Early bird / sibling RM199
Snacks, lunch and all materials included

CERTIFICATION

STEM Academy × Bambu Lab participation certificate

1 day
from idea to toy

12
children max per class

100%
printed by the child

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Things you'll make



Spinning top



Mini car



Figurine



Fidget charm

The day at a glance

Time	Session	What happens
9:30	How 3D printing works	Safety and a tour of a Bambu Lab printer
10:15	Tinkercad quick-start	Shapes, holes, grouping and sizing
11:15	Design your toy	Pick a toy and design it to size
12:45	Slice & print	Each child slices their toy and starts the print
1:00	Lunch	Toys print while we eat
2:00	Finish & play-test	Remove supports, assemble, decorate, challenges
3:00	Show & Tell	Every child presents their toy

Good to know

- Up to 12 children per class, 2 trainers
- No experience needed
- Bring a water bottle; everything else is provided

Want more?

Continue to **Little Makers 3D Academy**: 4 days, a Bambu Lab A1 mini to take home, and Autodesk certification.

Register / enquiries
stemacademy.my
STEM Academy Petaling Jaya · Iskandar Puteri

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Bambu Lab