

Thinkland Platform Guide

Last updated: 1/24/2021

A dark blue diagonal gradient bar that starts from the bottom left corner and extends towards the top right corner, covering the lower half of the page.

Thinkland Platform?

<https://school.thinkland.ai/>

- An online classroom system, and the only online classroom system that we will use for our classes
- Other than being able to post materials and collect homework, Thinkland has a series of other unique features.

Unique Features that are more important:

- Scratch Editor
 - Machine learning extensions
- Attendance
- Class report
 - Automatically sent to student/parent's email

Scratch Editor

Here's how to open up Scratch from the Thinkland platform

- DO NOT use the coding platform from scratch.mit.edu (this way students do not have to create several separate accounts)
- Users can save their Scratch projects on the cloud if they sign in with their Thinkland account

- Dashboard
- Site home
- Calendar
- Private files
- My courses
- AI Tutor
- AI002-1: Scratch+AI
- 002 Teachers
- Site administration

 Daniel Liu

[Customise this page](#)

Course overview

Timeline Courses

In progress Future Past



 Thinkland Tutoring



 AI002-1: Scratch+AI 4:15-5:00pm Sun

AI002 SESSION#1 __ INTRODUCTION TO MACHINE LEARNING Introduce concepts of Artificial Intelligence and Machine Learning, Strong AI vs...

Private files

No files available

[Manage private files...](#)

Online users

2 online users (last 5 minutes)

-  Daniel Liu
-  James Tan

Latest badges

You have no badges to display

Calendar

◀ November 2020 ▶

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

Click to save the project on cloud



- Motion
- Looks
- Sound
- Events
- Control
- Sensing
- Operators
- Variables
- My Blocks

```

Motion
  move 10 steps
  turn 15 degrees
  turn 15 degrees
  go to random position
  go to x: 0 y: 0
  glide 1 secs to random position
  glide 1 secs to x: 0 y: 0
  point in direction 90
  point towards mouse-pointer

change x by 10
set x to 0
change y by 10
set y to 0

if on edge, bounce

set rotation style left-right
  
```



Click to access all the saved projects



Sprite Sprite1 x 0 y 0

Show Size 100 Direction 90



Stage

Backdrops 1



Writing Reports

REQUIRED.

After every class, write a class report for each one of your student using the Thinkland Classroom

- Filling out class report acts as your attendance (if you do not fill out the reports you will be marked as “absent” automatically)
- If you have a TA, feel free to talk to them and have them fill out the report. However, if your TA forgot to fill out the report, it'll still be counted against you (the teacher)

*Tip: “Auto-populate from last entry” allows you to write just one report, and automatically copy the content over when writing a new report.

002 Teachers

Participants

Badges

Competencies

Grades

General

Introduction to Machine Learning

Image Recognition (Spongebob)

Simple Smart Home (NLP)

Praises and Criticism (NLP)

Face Lock (Facial Recognition)

Flappy Bird (Decision Tree)

Pac-Man (Decision Tree)

Voice Lock (Speech/Speaker Recognition)

Dashboard

Site home

002 Scratch + AI Materials - Teachers

Dashboard > My courses > 002 Teachers

Your progress

新闻通告

-  Class Structure + Teaching Notes (important)
-  Resource: How to create model + implement model
-  Resource: Thinkland model creation potential error
-  Resource: Linear Regression (Backup pres for when running out of materials)
-  Resource: A Review Presentation
-  Resource: Videos

Introduction to Machine Learning

-  First ML Model
-  Presentation: Topic 1 Introduction to AI & ML
-  Resource: Background Info + Presentation Prep



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Dashboard

Site home

Calendar

002 Scratch + AI Materials - Teachers

Dashboard

My courses

002 Teachers

Participants

Participants

No filters applied



Enrol users

Search keyword or select

Number of participants: 35

First name A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Surname A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 »

Select	First name / Surname	ID number	Email address	Roles	Groups	Last access to course	Status
<input type="checkbox"/>	Alan Tong			Student	No groups	31 days 18 hours	Active Report
<input type="checkbox"/>	Alan Shi			Student	No groups	12 days 2 hours	Active Report
<input type="checkbox"/>	Amy Deng			Student	No groups	138 days 3 hours	Active Report
<input type="checkbox"/>	Angela Peng			Student	No groups	142 days	Active Report
<input type="checkbox"/>	Annie Li			Student	No groups	19 days 15 hours	Active Report
<input type="checkbox"/>	Benjamin Lee			Student	No groups	47 days 4 hours	Active Report
<input type="checkbox"/>	Chen Victoria			Student	No groups	136 days 1 hour	Active Report
<input type="checkbox"/>	Chi Steven			Student	No groups	12 days 1 hour	Active Report

Report Detail 002 Scratch + AI Materials - Teachers

Student Name

Class Date & Time

Edit

Choose the time of class

Class Attendance

Attended

Absent

Select student attendance

Last entry

Auto-populate from last entry

Enter the teacher's name

Teacher

Teacher Assistant

Enter the name of the teaching assistant

Class Level & Chapter

Current student learning progress

Class Summary

Fill in the class summary

Class Screenshot

Upload a screenshot of the class

Class Video

Look back at the URL input

Class Content

Fill in the content of this class

Fill in the boxes with the content of your last report

Student's Performance in class

After-class Reuqirements

Comments



Preview

Save

Save & Email

取消

Preview: Click this button to preview the overall effect of the report

Save: Click this button to save the contents of the report

Save & Email: Click this button to save the report and send it to parents by email

ATTENDANCE FOR STUDENTS

REQUIRED

At the beginning of each class, do a class attendance using the Thinkland platform (1 min max)

- Submitting an attendance also automatically sends a reminder to students who are marked as absent

- AI002-1: Scratch+AI
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Participants

No filters applied

Enrol users

Search keyword or sele▼

Number of participants: 8

First name A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Surname A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Select	First name / Surname	ID number	Email address	Roles	Groups	Last access to course	Status
<input type="checkbox"/>	Daniel Liu			Teacher	No groups	3 secs	Active
<input checked="" type="checkbox"/>	Edward Volkov Renjie			Student	No groups	24 days 8 hours	Active
<input checked="" type="checkbox"/>	Jiage Wu			Student	No groups	3 days 8 hours	Active
<input checked="" type="checkbox"/>	Matthew Chou			Student	No groups	3 days 8 hours	Active
<input checked="" type="checkbox"/>	Matthew Gurvich			Student	No groups	3 days 8 hours	Active
<input type="checkbox"/>	Ray Zhang			Student	No groups	3 days 8 hours	Active
<input type="checkbox"/>	Steve Chen			Teacher Assistant	No groups	1 day 2 hours	Active
<input type="checkbox"/>	Steven Chen			Teacher Assistant	No groups	Never	Active



Select all Deselect all With selected users...

- Choose...
- Send attendance notification
- Send a message
- Add a new note
- Manual enrolments
- Edit selected user enrolments
- Delete selected user enrolments
- Self enrolment

Enrol users



AI002-1: Scratch+AI

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AI002-Scratch+AI

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Dashboard

Attendance list



Student in class

- 1. Matthew Chou [redacted]
- 2. Matthew Gurvich [redacted]
- 3. Edward Volkov Renjie [redacted]
- 4. Jiage Wu [redacted]

Student no-show

- 1. Ray Zhang [redacted]

Send Report

Cancel

Select	First name / Surname	ID number	Email address	Roles	Groups	Last access to course	Status
<input type="checkbox"/>	Daniel Liu	[redacted]	[redacted]	Teacher	No groups	3 secs	Active
<input checked="" type="checkbox"/>	Edward Volkov Renjie	[redacted]	[redacted]	Student	No groups	24 days 8 hours	Active
<input checked="" type="checkbox"/>	Jiage Wu	[redacted]	[redacted]	Student	No groups	3 days 8 hours	Active
<input checked="" type="checkbox"/>	Matthew Chou	[redacted]	[redacted]	Student	No groups	3 days 8 hours	Active
<input checked="" type="checkbox"/>	Matthew Gurvich	[redacted]	[redacted]	Student	No groups	3 days 8 hours	Active
<input type="checkbox"/>	Ray Zhang	[redacted]	[redacted]	Student	No groups	3 days 8 hours	Active
<input type="checkbox"/>	Steve Chen	[redacted]	[redacted]	Teacher Assistant	No groups	1 day 2 hours	Active
<input type="checkbox"/>	Steven Chen	[redacted]	[redacted]	Teacher Assistant	No groups	Never	Active

Select all

Deselect all

With selected users...

Choose...

Enrol users

Edit your classroom

A Thinkland classroom is like a google classroom. You can post materials, collect homework, add a discussion thread, etc.

Here's how you can edit and customize your thinkland classroom:

002 Teachers

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- Dashboard
- Site home

002 Scratch + AI Materials - Teachers

Dashboard > My courses > 002 Teachers

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+ 🔗	Resource: How to create model + implement model ✎	Edit ▾	☑
+ 🔗	Resource: Thinkland model creation potential error ✎	Edit ▾	☑
+ 🔗	Resource: Linear Regression (Backup pres for when running out of materials) ✎	Edit ▾	☑
+ 🔗	Resource: A Review Presentation ✎	Edit ▾	☑
+ 🔗	Resource: Videos ✎	Edit ▾	☑
+ Add an activity or resource			

+ Introduction to Machine Learning ✎ Edit ▾

+ 🏠	First ML Model ✎	Edit ▾	☑
+ 🔗	Presentation: Topic 1 Introduction to AI & ML ✎	Edit ▾	☑
+ 🔗	Resource: Background Info + Presentation Prep ✎	Edit ▾	☑
+ 🔗	Resource: Teaching Tips ✎	Edit ▾	☑
+ 🔗	Resource: Lesson Plan 1 ✎	Edit ▾	☑
+ Add an activity or resource			

+ Image Recognition (Spongebob) ✎ Edit ▾

Add an activity or resource



ACTIVITIES

-  360° feedback
-  Assignment
-  Attendance
-  BigBlueButtonBN
-  Chat
-  Choice
-  Database
-  Dataform
-  External tool
-  Feedback
-  Forum
-  Glossary
-  Image Classification
-  Image Classification
-  Interactive Content

Select an activity or resource to view its help. Double-click on an activity or resource name to quickly add it.

Add

Cancel

Upload files (e.g. answer keys, templates)

Add links

Add in a place for homework submission

etc.

Extra feature: sending “no-show notifications”

This feature allows you to manually send a reminder to a student who didn't show up to class.

Considered as “extra feature” because filling out the attendance does the exact same thing.



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Dashboard

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002 Scratch + AI Materials - Teachers

Dashboard

My courses

002 Teachers

Participants

Participants

No filters applied



Enrol users

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First name A B C D E F G H I J K L M N O P Q R S T U V W X Y ZSurname A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

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<input type="checkbox"/>	Benjamin Lee			Student	No groups	47 days 4 hours	Active Report
<input type="checkbox"/>	Chen Victoria			Student	No groups	136 days 1 hour	Active Report
<input type="checkbox"/>	Chi Steven			Student	No groups	12 days 1 hour	Active Report

Enrolment details



Full name	Alan Shi
Course	002 Scratch + AI Materials - Teachers
Enrolment method	Self enrolment (Student)
Status	Active
Enrolment starts	Tuesday, 25 August 2020, 6:12 PM
Notification	No-show Notification Course Infomation

Cancel

No-show Notification: For students did not show up at the beginning of the class, click "no show notification" to send an email notice

Course Information: Click "course Information" to send email to inform students or parents of the course details

Extra feature #2: Enroll new students

If a new student was added to your class but was not added to the Thinkland classroom, you can manually enroll new students into the class.

Enrol new students

Thinkland AI TTK Hackathon 2020 Training Scratch Editor Discover Daniel Liu

002 Scratch + AI Materials - Teachers

Dashboard > My courses > 002 Teachers > Participants

Participants

No filters applied

Search keyword or select

Number of participants: 35

First name: All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Surname: All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 2 >>

Select	First name / Surname	ID number	Email address	Roles	Groups	Last access to course	Status
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<input type="checkbox"/>	Alan Shi			Student	No groups	12 days 2 hours	Active i g t Report
<input type="checkbox"/>	Amy Deng			Student	No groups	138 days 3 hours	Active i g t Report

[Enrol users](#)

Enrol users



Enrolment options

Select users

No selection

 ▼

Enter the student's first or last name for retrieval

Assign role

 ▾

Select the role of the added user (teacher, Ta, or student)

[Show more...](#)

Enrol users

Cancel

Thank you