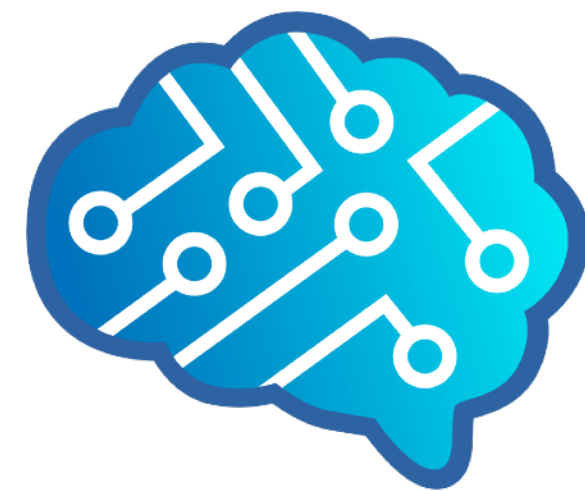


Teacher & Parent Getting Started Guide



DIGITAL
TECHNOLOGIES
INSTITUTE

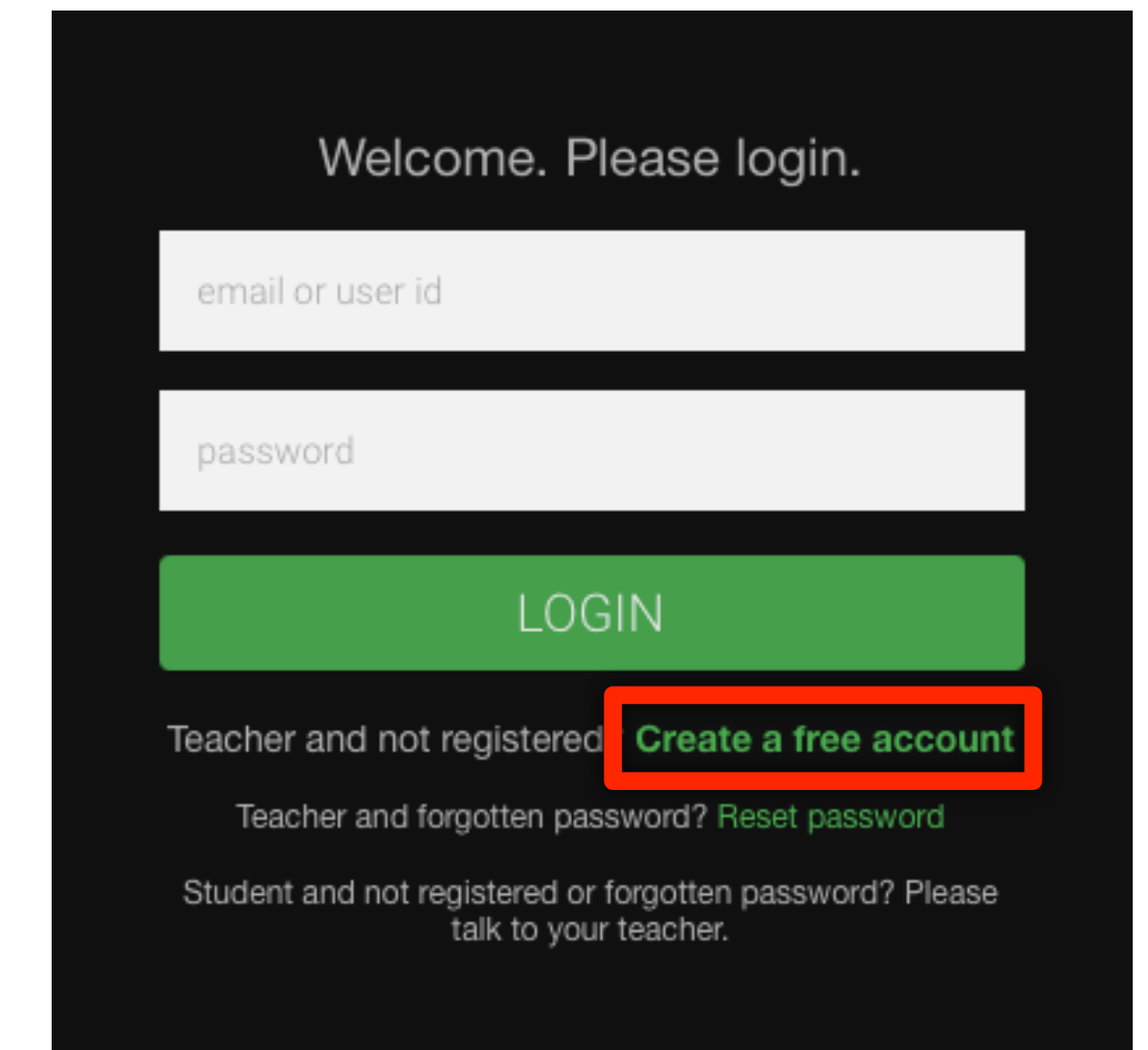
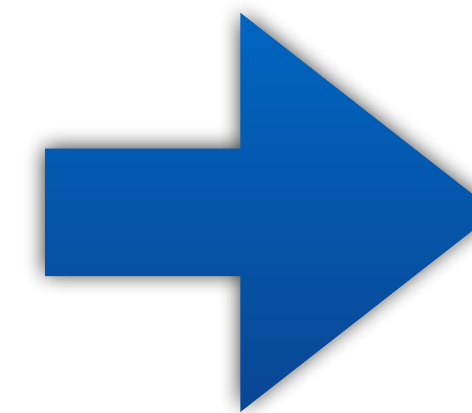
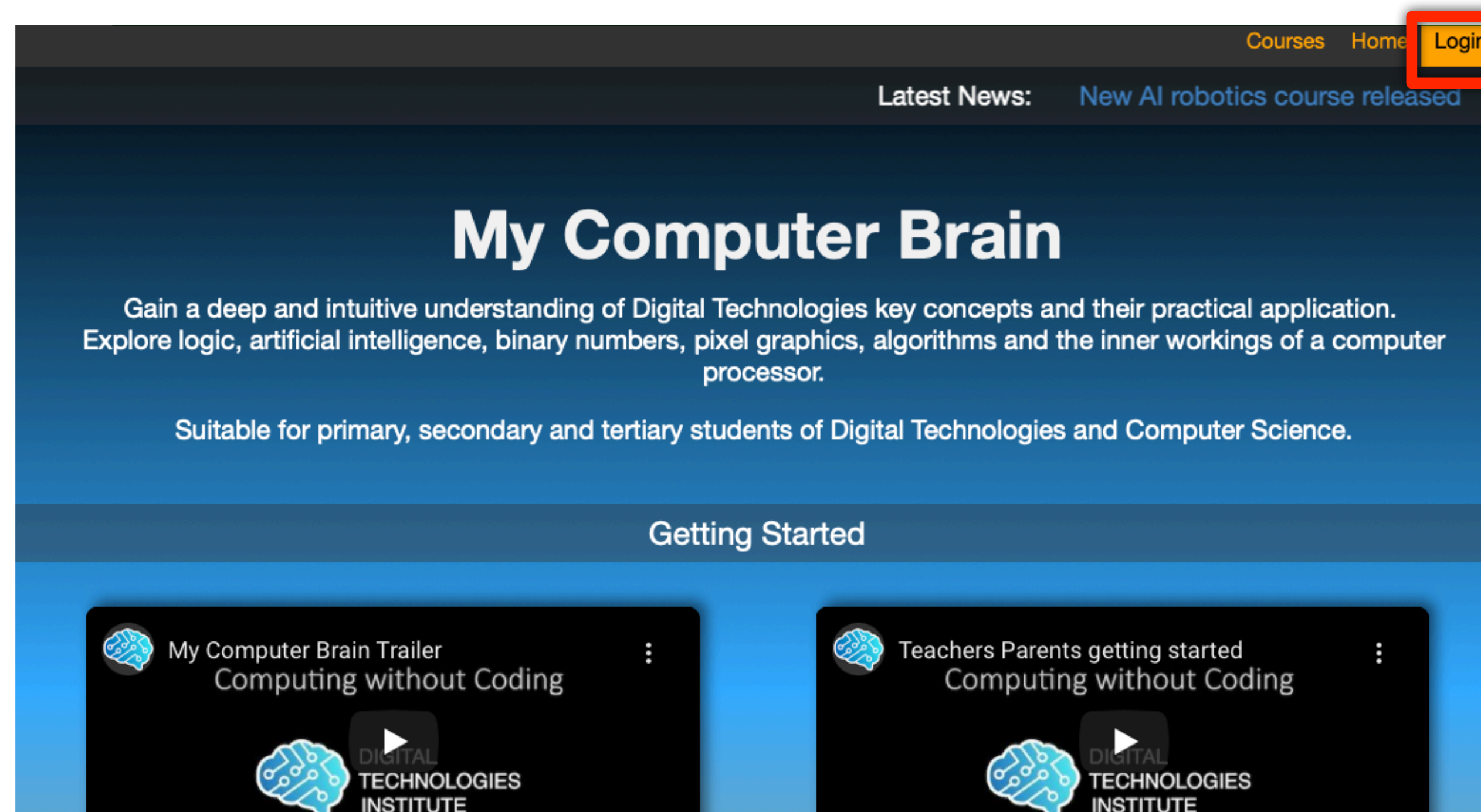
web: www.digital-technologies.institute
email: enquiries@digital-technologies.institute
Twitter: [@DigTecInstitute](https://twitter.com/DigTecInstitute)

Overview

- Teachers / Home School parents register themselves for free
- They then purchase student accounts in the shop
- The following slides show the steps of this process

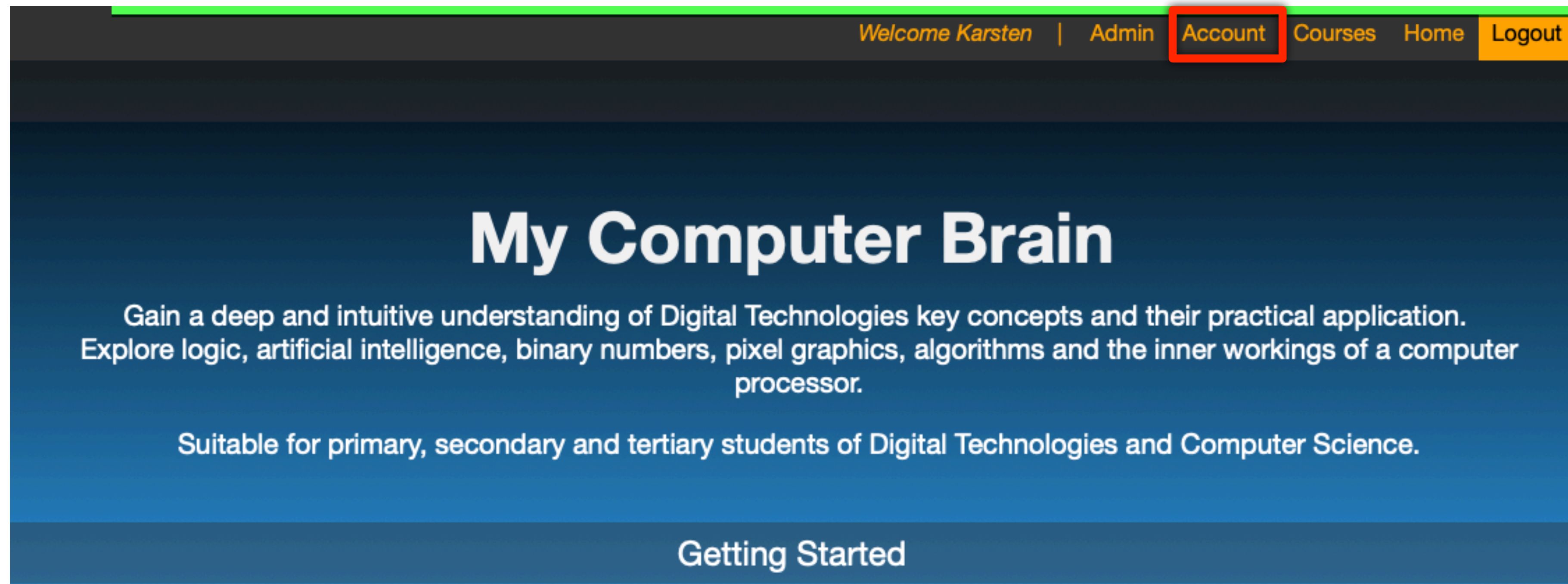
Teacher account

Create a free teacher / home school account at www.mycomputerbrain.net



Creating Student accounts

Click on Account



In the shop

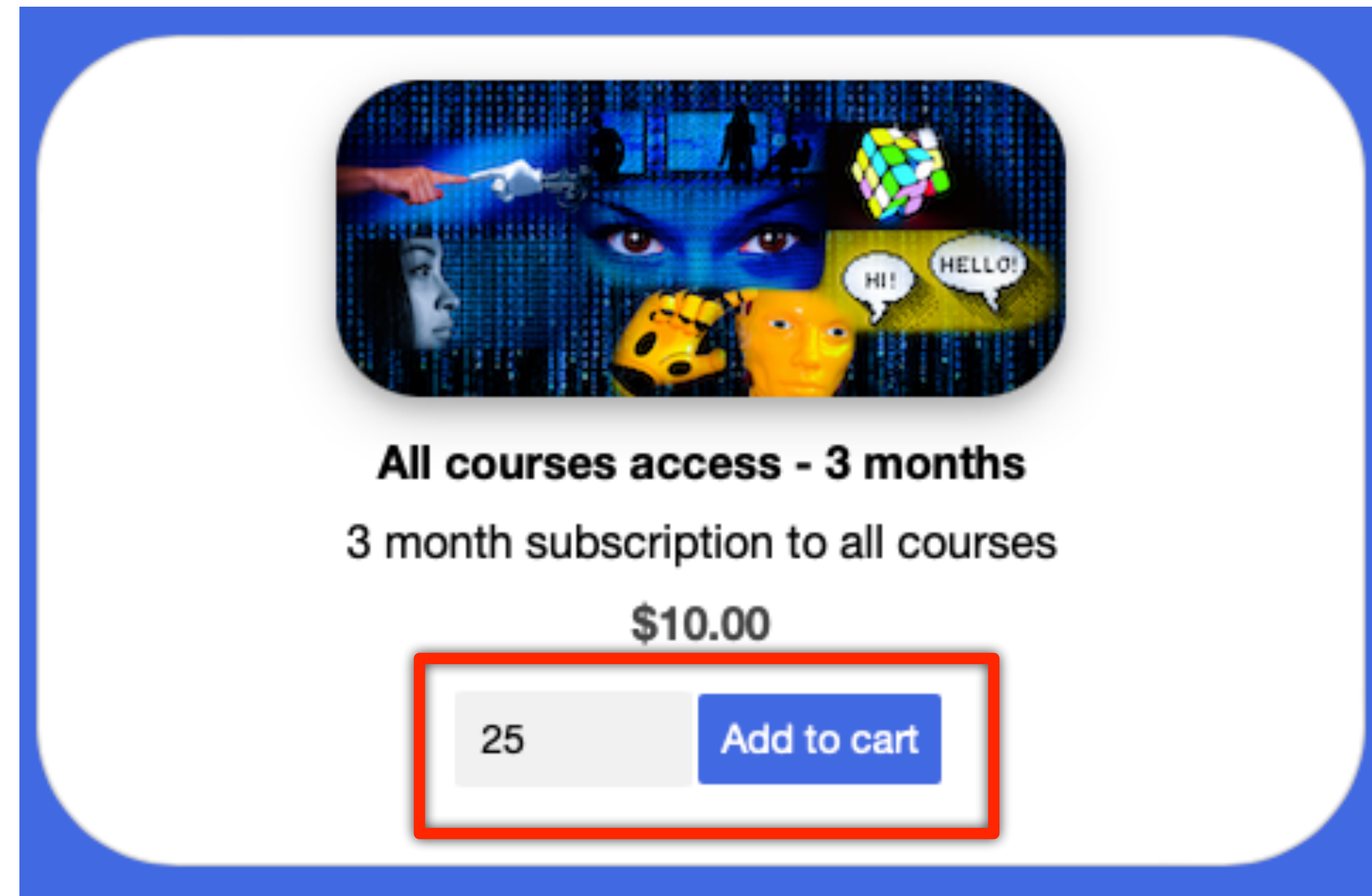
Either choose
individual courses
or all course
access.
Each is available
for
3, 6, or 12 months

The screenshot shows the 'Shop' section of the Digital Technologies Institute website. The 'Shop' link in the top navigation bar is highlighted with a red box. Below the navigation bar, there is a link to 'Download the Getting Started Guide'. The main content area features a 'Products' section with three subscription options for 'All courses access':

Subscription Duration	Price	Buttons
All courses access - 3 months 3 month subscription to all courses \$10.00	\$10.00	#students Add to cart
All courses access - 6 months 6 month subscription to all courses \$15.00	\$15.00	#students Add to cart
All courses access - 12 months 12 month subscription to all courses \$20.00	\$20.00	#students Add to cart

Each product card includes an image of a person's face with a Rubik's cube and speech bubbles saying 'HI!' and 'HELLO!'.

Enter number of student licenses and click on ‘Add to cart’



The product card features a blue border and a white background. At the top is a colorful illustration with a hand pointing at a screen, a Rubik's cube, and two yellow characters with speech bubbles saying 'HI!' and 'HELLO!'. Below the image, the text reads: 'All courses access - 3 months', '3 month subscription to all courses', and '\$10.00'. At the bottom, there is a red-outlined box containing a quantity input field with the number '25' and a blue 'Add to cart' button.

All courses access - 3 months
3 month subscription to all courses
\$10.00

25 Add to cart

Click on Checkout

Shopping Cart						Empty Cart	Checkout →
Name	Code	Quantity	Price	Action		Subtotal	
All courses access - 3 months	B4-C-ALL-03	25	\$10.00	update quantity	Remove Item	\$250.00	
						Total: \$250.00	

Confirm your details and click ‘Proceed’

Shopping Cart

[← Back to store](#)[Proceed →](#)

Name	Code	Quantity	Price	Action	Subtotal
All courses access - 3 months	B4-C-ALL-03	25	\$10.00	update quantity Remove Item	\$250.00
Total:					\$250.00

Title

Name

Surname

Email

Phone

School

Street and Number

Postcode

City

State

Country

Cancel

Save

Click on 'Pay with Card' and enter CC details in the popup

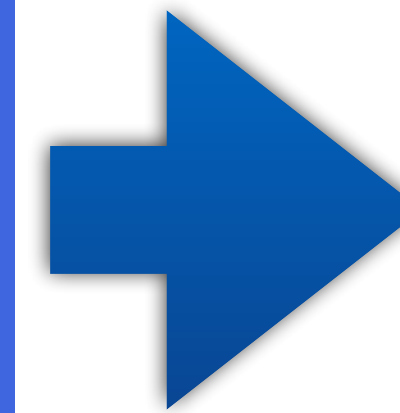
Shopping Cart

← Back to store

Name	Code	Quantity	Price	Action		Subtotal
All courses access - 3 months	B4-C-ALL-03	25	\$10.00	update quantity	Remove Item	\$250.00
						Total: \$250.00

Once the payment is complete, you will be automatically redirected to the My Students page where you will find the new student accounts.

Pay with Card



Digital Technologies Instit...
Shopping Cart

Email

Card number

MM / YY

CVC

Pay \$250.00

The system will create the accounts and redirect to the next screen

Distribute usernames+passwords to your students

If you like, you can add names/surnames (optional)

My Students

AssessmentShopOrder HistoryMy AccountChange PasswordSupport

My Students

Export Student Accounts as CSV

You can copy & paste student names, surnames or passwords directly from Excel into the table below. Copy only one column at a time!

Name	Surname	Username	Password	Product	Validity
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25
				B4-C-ALL-03	2020-06-25

Display a menu

LogoutAboutRefundPrivacyTermsFAQHome

Assessment tasks

[My Students](#) **Assessment** [Shop](#) [Order History](#) [My Account](#) [Change Password](#) [Support](#)

Student Assessment Tasks

Title	Type	Duration	Abstract	Bands	Prerequisites	Format	Download link	Solution
Binary Addition	Quiz	20-40 minutes	20 Binary addition questions. Suitable to test student's understanding of the binary number system	5-6, 7-8	B4 Computer Processor Kit, B4 Primary Starter Kit	PDF	Quiz Sheet	Solution Sheet
Binary Subtraction	Quiz	20-40 minutes	20 Binary subtraction questions with the 1's complement method. Suitable to test student's understanding of the binary number system	5-6, 7-8	B4 Computer Processor Kit, B4 Primary Starter Kit	PDF	Quiz Sheet	Solution Sheet
B4 Practical	Test	50 minutes	Students build one of two possible machines with B4 modules.	7-8	B4 Computer Processor Kit	DOC	Worksheet	Test A Test B
B4 Final Assessment	Project	4-7 weeks	Students investigate digital System, historic approaches to computing, and design and build a general-purpose adding machine	7-8	B4 Computer Processor Kit	DOC	Worksheet	N/A


[Display a menu](#) [Logout](#) [About](#) [Refund](#) [Privacy](#) [Terms](#) [FAQ](#) [Home](#)

Lesson Plans

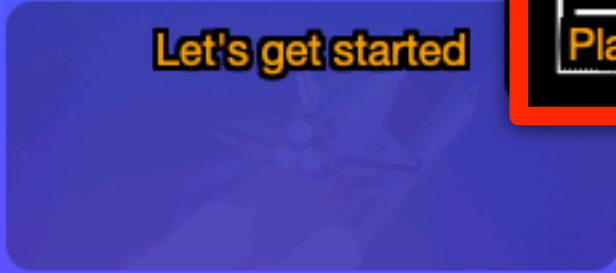
LPs are attached to the respective course

Virtual B4


A course that explores binary numbers, binary addition, subtraction and memory. Build and program a simple logic computer.




Lesson Plan




1. 3-2-1 go !




2. Binary Counting




3. Longer Binary Numbers




4. Addition
(requires student licence)




5. More Addition
(requires student licence)



6. Subtraction
(requires student licence)



7. Short-term memory
(requires student licence)



8. Short term memory and the
Clock Signal
(requires student licence)