

Starting Out with ClassPad eActivities MAWA Annual Conference 2020

A collection of short videos that mirror this presentation
can be accessed at

<https://thetuitioncentre.com.au>

Simply create an account, login and enrol in the course.
The slides that follow are from the MAWA presentation.

Charlie Watson

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charlie@charliewatson.com

Types of eActivity

- Informational
- Educational
- Storage of formulas
- Storage of procedures

Download example eActivities from
<https://charliewatson.com/classpad/>
 Or
<http://edu.casio.com/en/>
 Or internet search

Creating eActivities for ClassPad

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Elements of an eActivity

- Single document
- Self-contained
- Own variable folder
- Portable (.xcp file)
- Disabled in exam mode
- Text/calculation rows
- Strips
- Geometry link

Creating eActivities for ClassPad

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NumSolve app

- Enter formula
- Select unknown variable
- Estimate solution
- Solve

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Using variables in Main

- Variables are typically a number, list, matrix, expression or equation
- Assign variables
- Recall variables
- Clear variables

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Start a new eActivity

- File -> New -> OK
- Insert -> Strip(2) -> NumSolve
- Add Strip Help
- Open and close a strip
- Insert NumSolve strip below
- Insert Main strip between
- Insert space between strips
- Delete NumSolve strip
- Save eActivity as e1

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Build a second eActivity

- File -> New -> OK
- Insert -> Strip(2) -> NumSolve
- Name strip
- Add Strip Help
- Add formula

$$A = 0.5 a b \sin(C)$$
- Close strip
- Save eActivity as e2

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Develop second eActivity

- Insert Main strip
- Add Strip Help
- Add method

$$[5,12,13] \Rightarrow [a, b, c]$$

$$\frac{a + b + c}{2} \Rightarrow s$$

$$\sqrt{s(s - a)(s - b)(s - c)}$$
- Close strip
- Save updated eActivity as e2

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Build a third eActivity

- File -> New -> OK
- Enter text on text row

$$t(x) = \frac{x(x + 1)}{2}$$
- Enter definition on a calculation row
- Ask for $t(100)$
- Ask for $t(4) + t(5)$
- Ask for n if $t(n) = 51681$
- Save eActivity as e3

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Geometry Link

- File -> New -> OK
- Insert 3 links with prompts
- Insert Geometry strip
- Construct circle
- Select centre, drag to link
- Select point, drag to link
- Select circle, drag to link
- Test it's working
- Save as e4

NB Only link a point or equation

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Export an eActivity

- System
- Export eActivities -> Select
- Locate and select eActivity(s)
- Export
- OK, to export to Root Directory of USB storage
- Connect computer to ClassPad using USB cable and drag from USB storage to computer

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