



Great Southern
Institute of Technology

Empowering students

The Learning Table



A student is introduced to the Learning Table by Clothing Production lecturer Robyn Wills.

Certificate II and III in Clothing Production Classes

- Great Southern Institute of Technology, Albany, Western Australia
- 46 students with a range of disabilities
- Lecturer and two in-class assistants
- 15 students come with one-on-one support
- Up to 17 students attend on one of three days per week











The Challenges

- Low literacy and numeracy skills
- Learning disabilities
- Communication difficulties
- Fear of failure
- Need for repetition and repeated practice



How we started

- E- learning Conference November 2007
- Learning Table Demonstration
- WA Department of Education and Training
Building Diversity tender 2008



Before the Learning Table

- Compic photo board
- Swatches
- Repetition
- Stressed lecturer and students



The Compic picture board was a former method of teaching.



The old way of examining fabric swatches.



The Learning Table

Key to opening the bank of digital stories

- Create digital story eg video, photos, narration
- Load the digital story to the Learning Table Editor
- Attach RFID to the digital story

How rfid Learning Table Works

rfid Learning Table

1. Add multimedia content



2. Attach an RFID tag to any object



3. Swipe the object over the reader

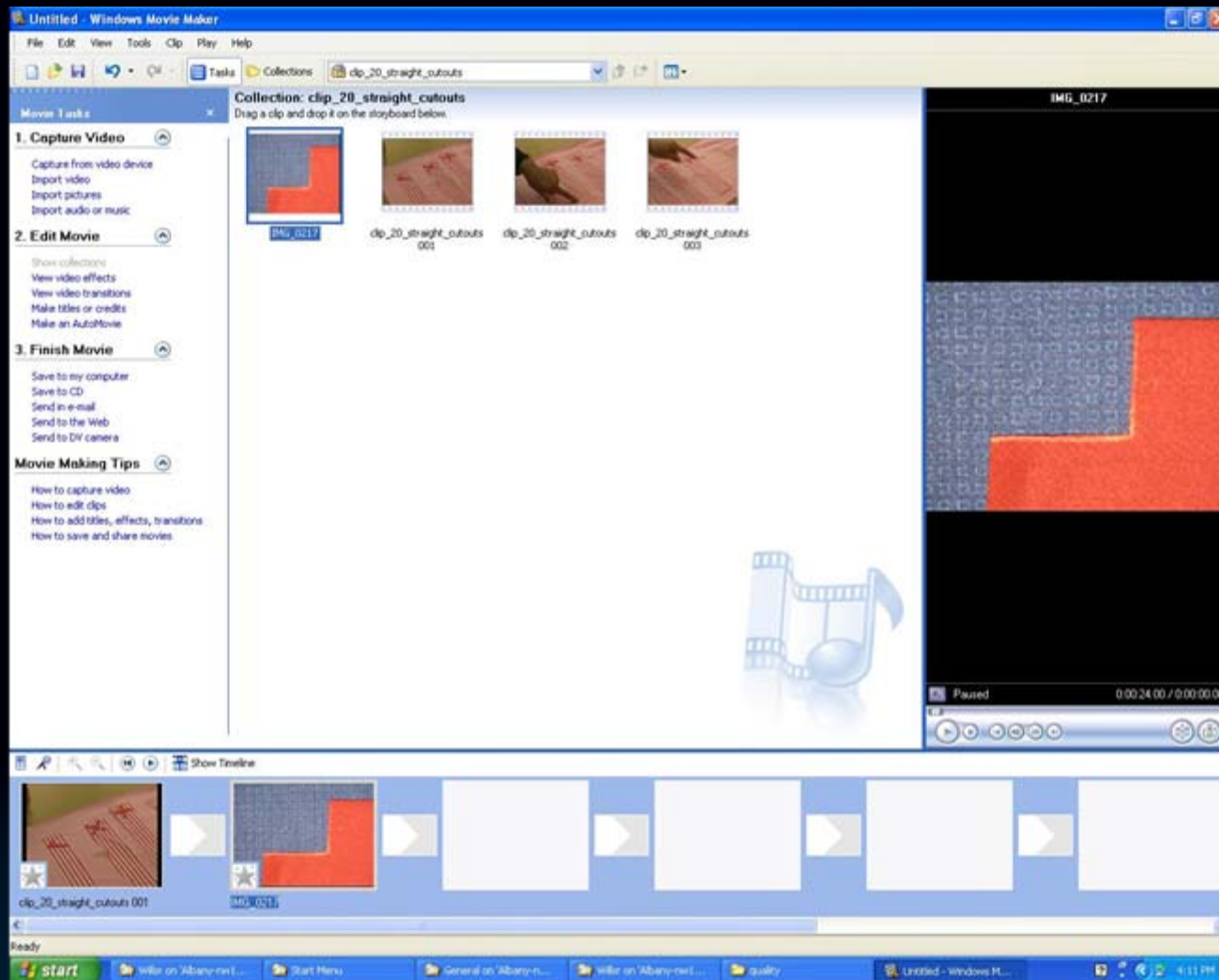


4. Watch your media playback. No mouse or keyboard required!

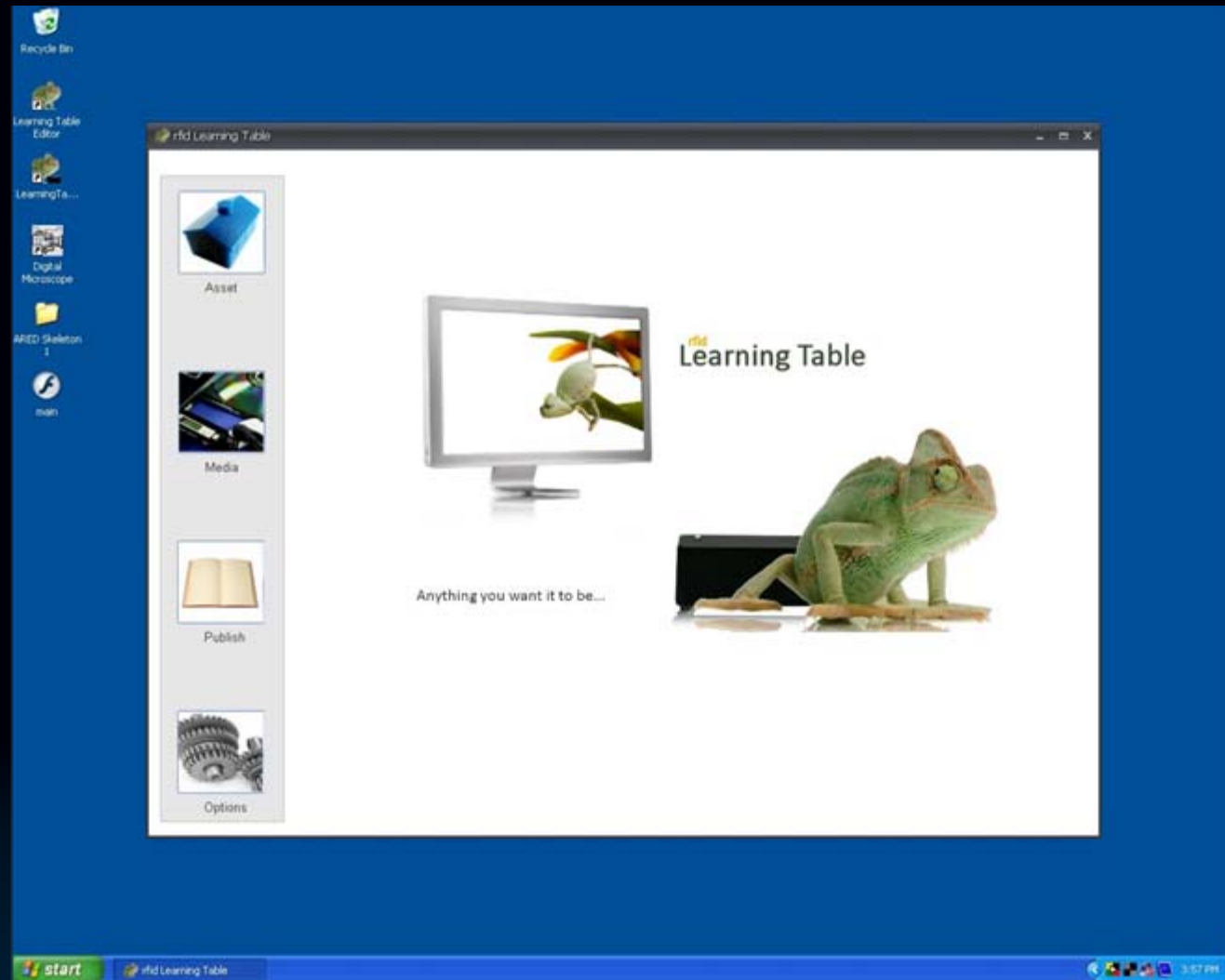


Anything you want it to be...

Promotion from the Learning Table website.



The process uses Windows Movie Maker to create the digital stories.



The story is loaded onto the Learning Table program.



These are types of radio frequency identification device – RFID.



This type of RFID is a stick-on.



Learning Table continued

When the table is set up, it's over to the students:

- Open the Learning Table Player
- Swipe the RFID over the Learning Table Reader
- Digital story begins



A group of students using the Learning Table.



This is the reader. The user simply swipes the card across it.



Using the reader is as simple as swiping the RFID.



Assessments

- Learning bag activities complement each digital story
- Concept attainment model
- Laminated samples or photos
- Reading, writing, talking is not required



Sample learning bags.



Apply Quality Standards.
Look at the **Sewing Sample** and decide if it is **GOOD** or **POOR** Quality?
Place a ✓ or an X
Remember a ✓ is good quality practice
and an X is poor quality practice.
Wait for your lecture to check your answers before continuing.











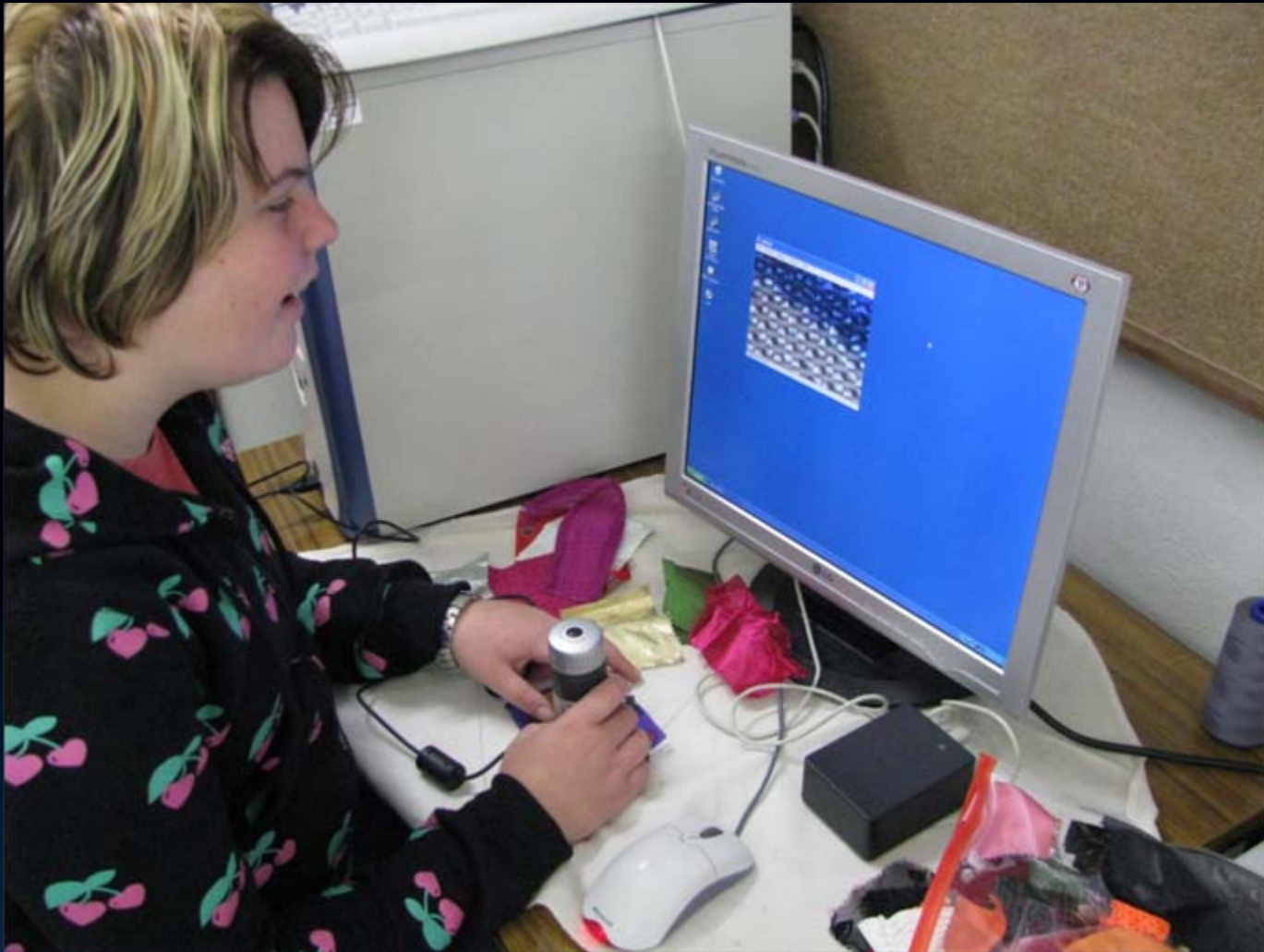
Lecturer Robyn Wills works with a student and her assistant.



Accurate Cutting



Learning Tools



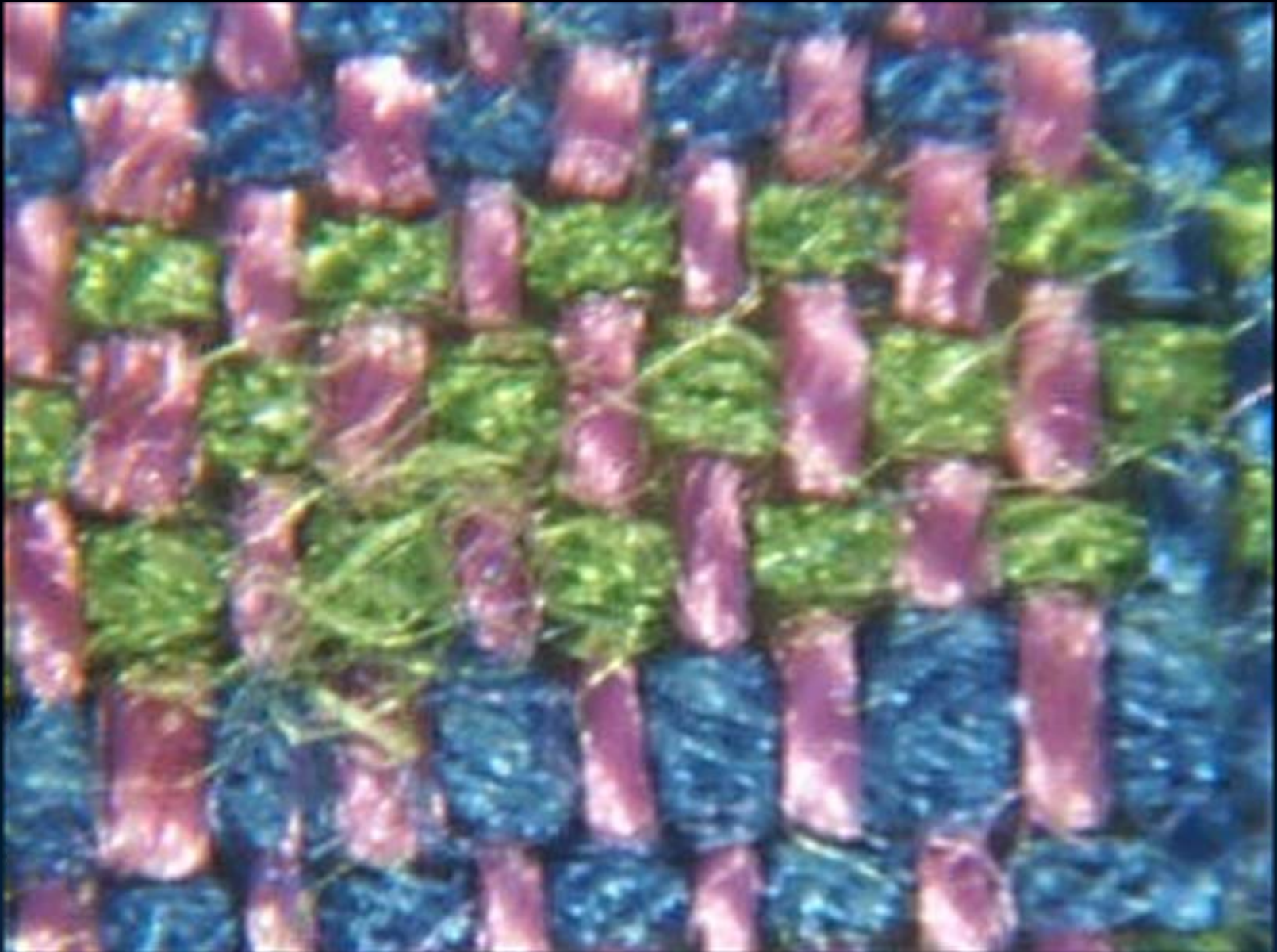


The old
microscope.



With the digital microscope, images appear on the computer monitor, so the lecturer can see exactly what the student is looking at.









Benefits

- Empowerment
- Engaged
- Non threatening
- Inclusive - no reading, writing, oral skills needed
- Independence
- Consistent and reliable
- Learning available when, and as often as, required
- Encourages interaction
- Better use of lecturer's time

Proud producers







This student watched five digital stories on overlocking, and revisited the videos frequently while working on his cushion covers.

Wedding Belles



These students – the bride and bridesmaids – made their own gowns.







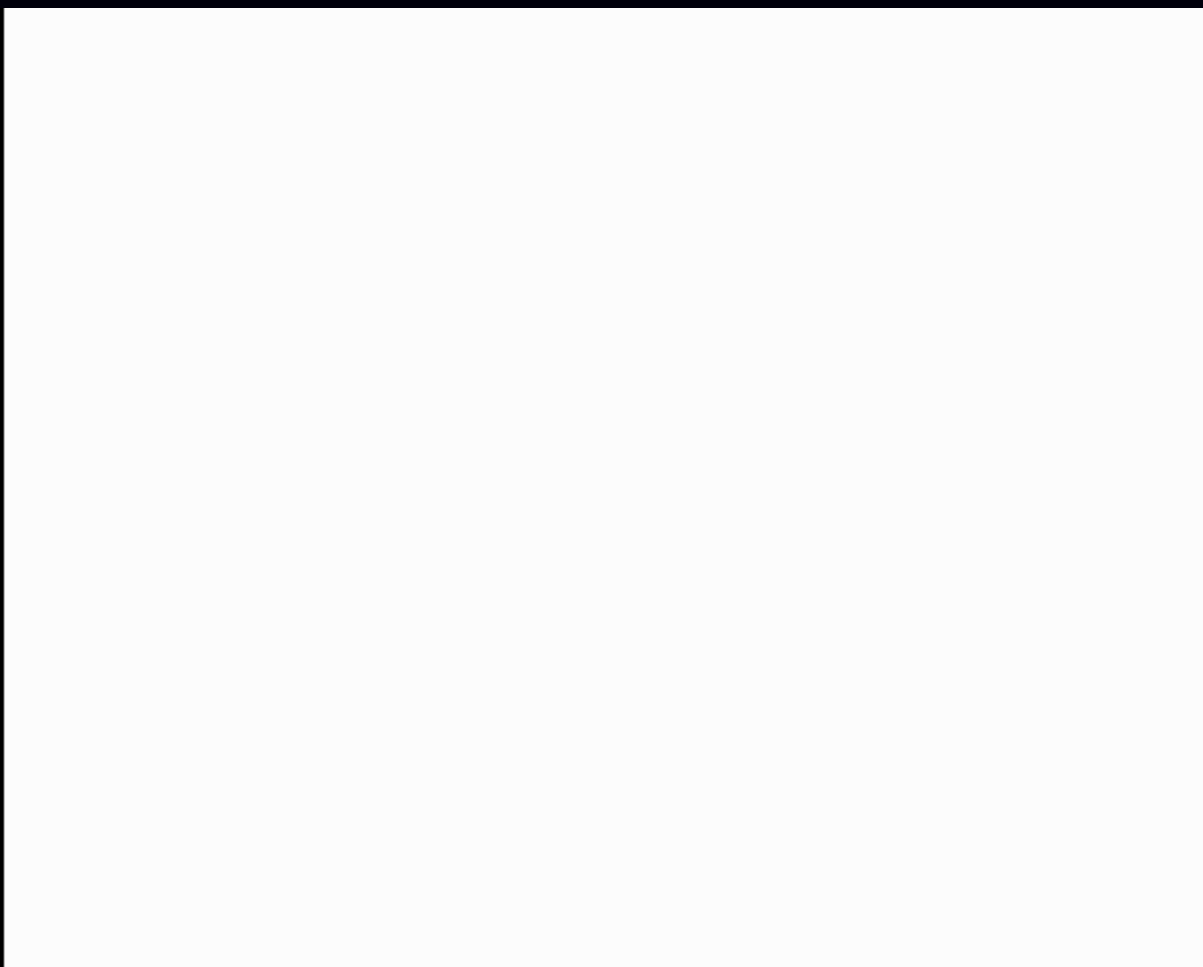
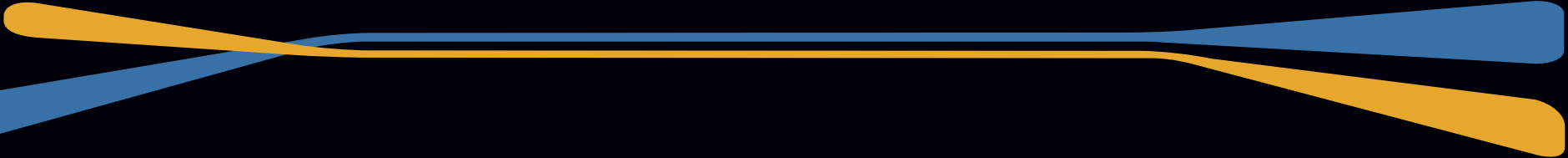














Other Applications

- Plumbing apprentices
- Flora library
- Dogging and rigging

Resources

- Robyn Wills Robyn.Wills@gsinstitute.wa.edu.au
- Wendy Macliver Wendy.Macliver@gsinstitute.wa.edu.au
- Learning Table
- www.rfidlearningtable.com.au
- Online Shopping Search: “usb microscope”

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