



# ANZCED 2011

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# ABOUT MEDIA ACCESS AUSTRALIA



- Australia's only independent not-for-profit organisation devoted to increasing access to media for people with disabilities
- Provide expert knowledge and advice on existing and emerging mainstream technologies
- Work as a catalyst for change in multiple areas of access

# MEDIA ACCESS AUSTRALIA



## Background

- MAA was formerly known as the Australian Caption Centre
- The captioning and other operations of the former Australian Caption Centre were sold to Red Bee Media in 2006 and still operate under that name as a separate organisation
- MAA is based in Sydney (with a satellite office in Perth) and works in collaboration with consumer Government, organisations and industry across the country



# CLASSROOM ACCESS PROJECT

Pilots championing access  
in schools

# THE ACCESS ISSUE



- The amount of captioned material available to students is directly influenced by the marketplace
- Currently only 58% of new released DVD titles are captioned for the viewing public
- Schools are making increasing use of emerging technologies and educational downloads
- Teachers are in need of support to provide these resources, in an accessible format, for their students who are deaf or have a hearing impairment

# WHAT IS THE CLASSROOM ACCESS PROJECT (CAP)?



- The Classroom Access Project (CAP) is an initiative of Media Access Australia
- The CAP is a series of purposed designed access pilots in the mainstream educational setting

# HOW THE CLASSROOM ACCESS PROJECT BEGAN



MAA investigated current practice, in relation to captioned access in the classroom setting, for students who are deaf or have hearing impairment:

- The concept of setting up a model classroom was determined

# HOW THE CLASSROOM ACCESS PROJECT BEGAN



Partnerships were established with:

- CAP1- Catholic Education Office Sydney, La Salle Catholic College Bankstown
- CAP2 - Catholic Education Diocese of Parramatta, Cerdon College Merrylands

# CLASSROOM ACCESS PROJECT



## Rationale

- To provide access to captioned multimedia curriculum resources, for students who are deaf or have hearing impairment in a mainstream educational setting

# CAP PROJECT TEAM



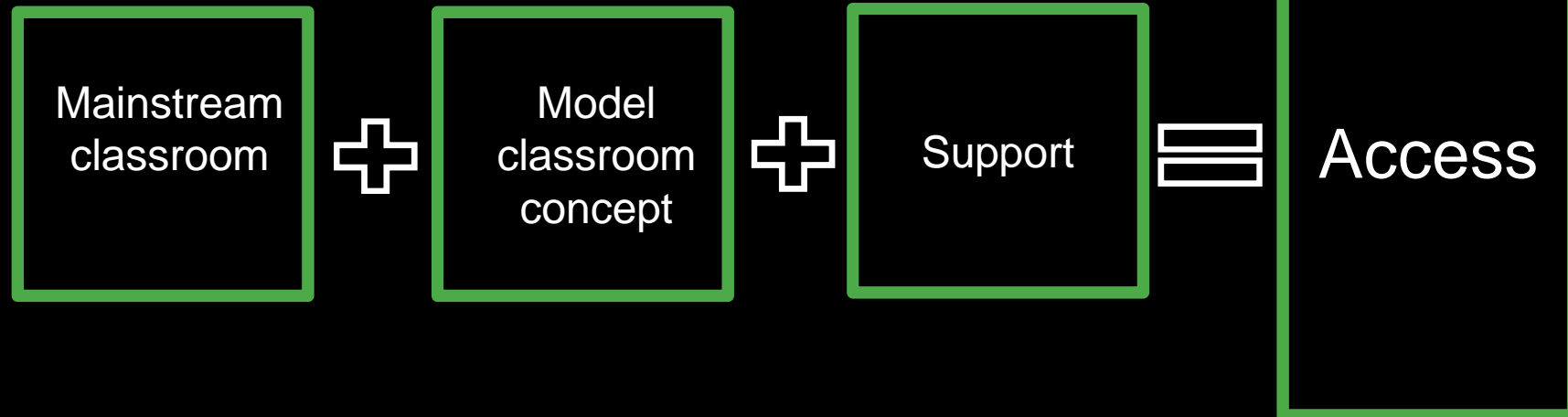
- Principal of the school
- Learning Support Coordinator
- Coordinator Sensory Impairment
- Itinerant Teacher of the Deaf
- MAA Education Manager

# WHY A MODEL CLASSROOM?



- 'Testing a concept' in situ
- 'Model of accessibility' in a classroom
- Integrated into the smooth running of school
- Longevity

# CLASSROOM ACCESS PROJECT





# Mainstream classroom

## Diverse learners



EAL/D



Hearing  
impairment



Language  
delay



Auditory  
learner



Kinaesthetic  
learner

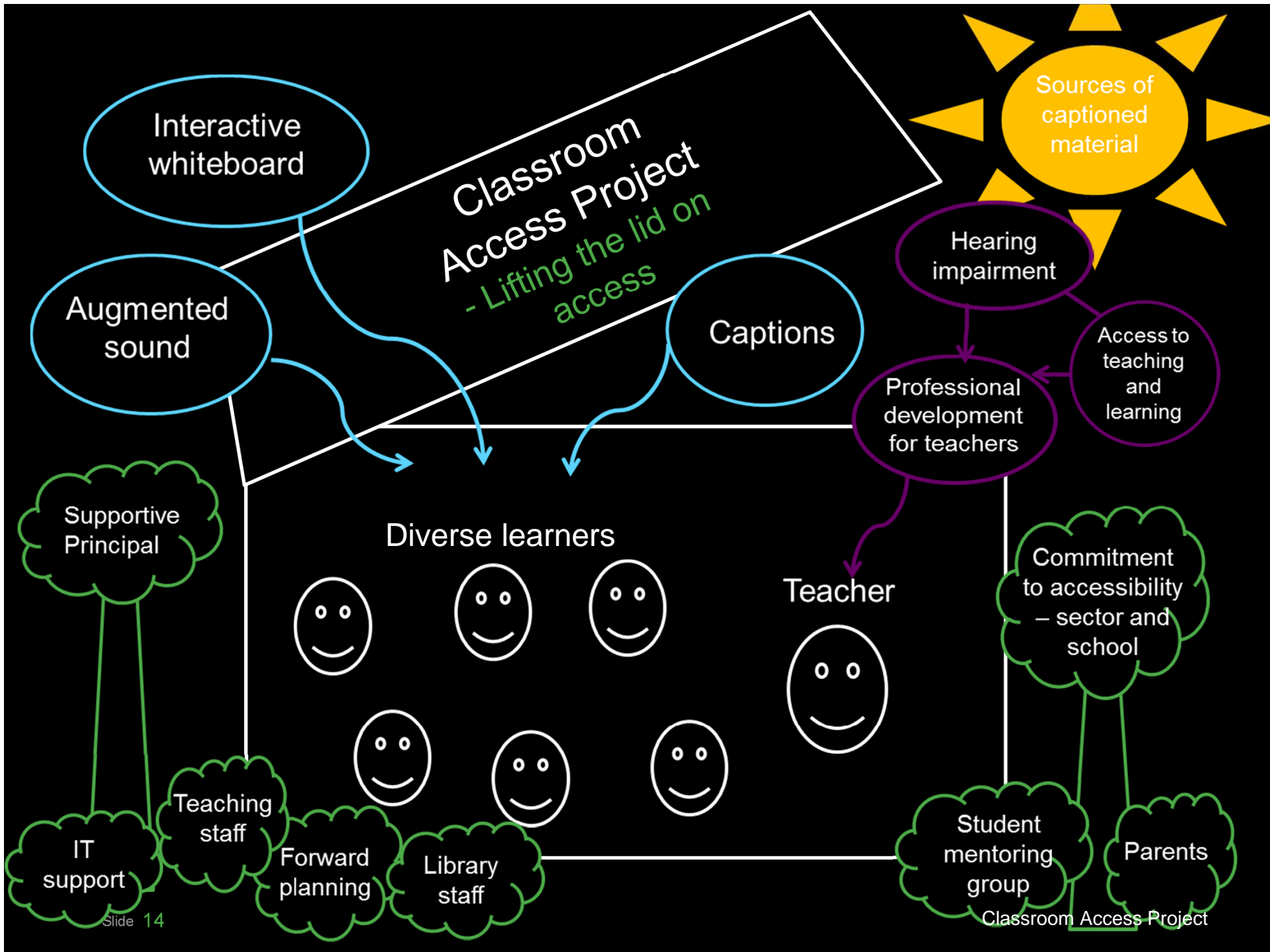


Visual  
learner

Teacher



Committed  
to access  
and inclusion



# THE MODEL CLASSROOM



- Addresses access to captioned multimedia resources in a mainstream classroom setting
- The project applies action research principles to ‘test a concept’ which uses Universal Design for Learning (UDL) principles and presents benefits not only for students who have hearing impairment, but all students

# UNIVERSAL DESIGN FOR LEARNING



- Multiple means of representation, to give learners various ways of acquiring information and knowledge
  - *Combination of image, text and sound allows students maximum opportunity to understand the information presented*
- Multiple means of action and expression, to provide learners alternatives for demonstrating what they know
  - *Captions provide context for learning, allowing learners to demonstrate their knowledge*
- Multiple means of engagement, to tap into learners' interests, offer appropriate challenges, and increase motivation
  - *Captions provide the access to information which allows the student to be fully engaged*

# THE ACTION RESEARCH CYCLE



# CAP TRAINING



## Professional Development for teaching staff:

- to inform teacher practice re the effect of hearing impairment on access to teaching and learning
- value of captions in education and how to facilitate same via the CAP

## Additional training for:

- students
- parents

# HOW DOES THE MODEL CLASSROOM WORK?



- Regular school timetable accommodates model classroom
- All students with hearing impairment are timetabled through the classroom
- All multimedia material shown in the model classroom must be captioned
- Provision of technology which supports captions and augments sound

# TECHNOLOGY USED FOR THE PROJECT



- At the core of the CAP is the interplay of the following technologies:
  - Interactive White Board (IWB)
  - Bluetooth enabled laptop computer
  - Soundfield Amplification System
  - FM technology – individual student FM/s
  - ClickView resources
  - CL - iloops if needed
  - Access to Accessible Education Database
  - Captioned multimedia resources

# HOW THE TECHNOLOGY INTERACTS



# CLICKVIEW



- Digital delivery platform – source of increasing amount of captioned material

[http://www.clickview.com.au/videolibrary/video\\_content.php?video\\_library\\_id=3&video\\_subject\\_id=27](http://www.clickview.com.au/videolibrary/video_content.php?video_library_id=3&video_subject_id=27)

# VIDEO OF THE MODEL CLASSROOM



- A video was made of CAP2
- Involved filming of the classroom in action and individual interviews
- Video has been open captioned and also audio described (AD)

# CAP 2 VIDEO



**Classroom Access Project – Cerdon**  
**<http://www.youtube.com/user/mediaaccess>**



# FEEDBACK FROM COHORT



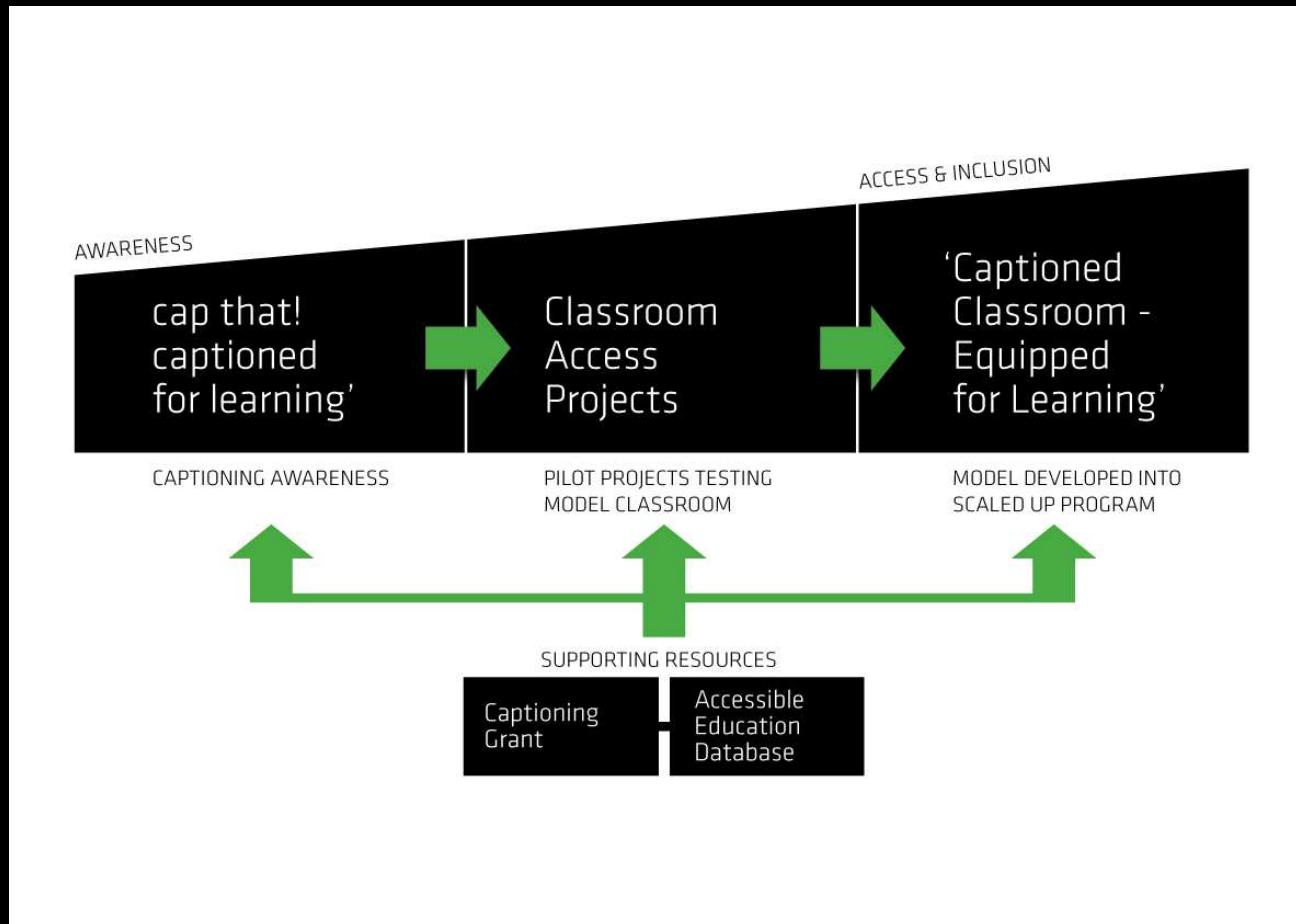
- Students with a hearing impairment and their teachers perceived that the response from their mainstream classmates was generally positive

# HOW THE CAP IS SUPPORTED



- The CAP is key component of Media Access Australia's Education Strategy
- It is unique in the way that it partners with the Federal Government Captioning Grant and Accessible Education Database

# EDUCATION STRATEGY





# STUDENT DEMOGRAPHIC



Two Year 7 boys and hearing cohort:

- Bilateral moderate to moderately severe
- Bilateral mild

# CAPTIONED EDUCATIONAL RESOURCES IN ACTION



# CLASSROOM ACCESS PROJECT – CAP2



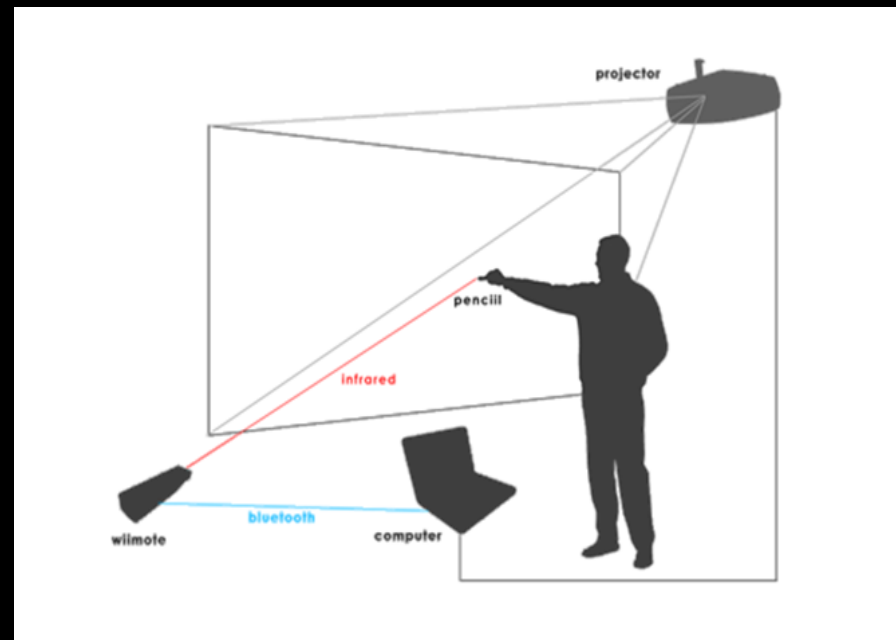
Cerdon College, Merrylands  
Term 3 & 4, 2010



# WHAT DIFFERENTIATES THE TWO CAPS?



- CAP2 trialled an Interactive Whiteboard Solution to test its effectiveness for rural and remote settings



# WHAT DIFFERENTIATES THE TWO CAPS?



- CAP2 trialled the use of a wikispace as a collaborative feedback mechanism for teachers, students and MAA
- Existing student mentoring meetings
- The 'team' extended beyond Project team to include teachers, students and parents

# STUDENT DEMOGRAPHIC



6 girls: 3 from Year 7, 2 from Year 8 and 1 from Year 10 with hearing cohort

- 1 unilateral severe to profound– FM only
- 1 unilateral mild – no HA's, no FM
- 1 bilateral mild - FM only
- 1 bilateral mild / moderate – 2 HA's, FM
- 1 bilateral mild / moderate sloping progressive– 2 HA's – no FM initially but upgraded during CAP
- 1 bilateral moderate/ profound sloping – 2 HA's, FM
- All six hearing impaired students were timetabled to use the model classroom several times a week or fortnight

# WHAT WE ASKED OF THE TEACHERS



- Increase the use of captioned multimedia material during Term 3 and 4, 2010
- Use the Soundfield amplification system
- Trial the IWB solution
- Record information re the use of captioned multimedia in the Caption Log, and observations from their classes in the Observation Log

# CAP2 FEEDBACK CHANNELS



- Observation log and caption log
- Regular meetings: Project team, teachers and student mentoring group
- Teacher surveys
- Film interviews
- Wikispace

# THE FUTURE OF THE CAP



Where to from now:

- Media Access Australia will continue to build on the foundation blocks of CAP1 and CAP2 and extend the series

# CAP THAT!



- Week-long event during National Literacy and Numeracy Week that promotes the simple concept of using captions in the classroom
- [www.capthat.com.au](http://www.capthat.com.au)



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# cap that!

captioned for learning

6 2 days 2 3 hours

until competition entries close

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## Welcome to cap that!

Are you a teacher, librarian or principal and interested in a fun way to improve literacy for all students? By simply turning on captions on DVDs, online videos and TV shows used in the classroom, you can boost literacy and learning benefits for your students.

[What are captions?](#) Watch the video below to hear about some of the benefits first-hand.



[Watch the video on our YouTube channel.](#)

### Captions in the classroom

Proven literacy benefits for all students

### get involved

Get updates on new teaching resources and cap that! progress around Australia.

Name: \*

Email: \*

### enter and win

Got a great idea for using captions in school? Enter for your chance to **WIN** great prizes!

### view ideas

Be inspired by other teachers' ideas for using captions in the classroom for all students.

### resources

Download teaching resources for improved learning and literacy for your students.

cap that!

# CAPTIONED CLASSROOM



Equipped for Learning

The 'Captioned Classroom – Equipped for Learning' pilot:

- is a proposed future project which involves a large scale approach to using the Model Classroom, established during the Classroom Access Project

# QUESTIONS



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