

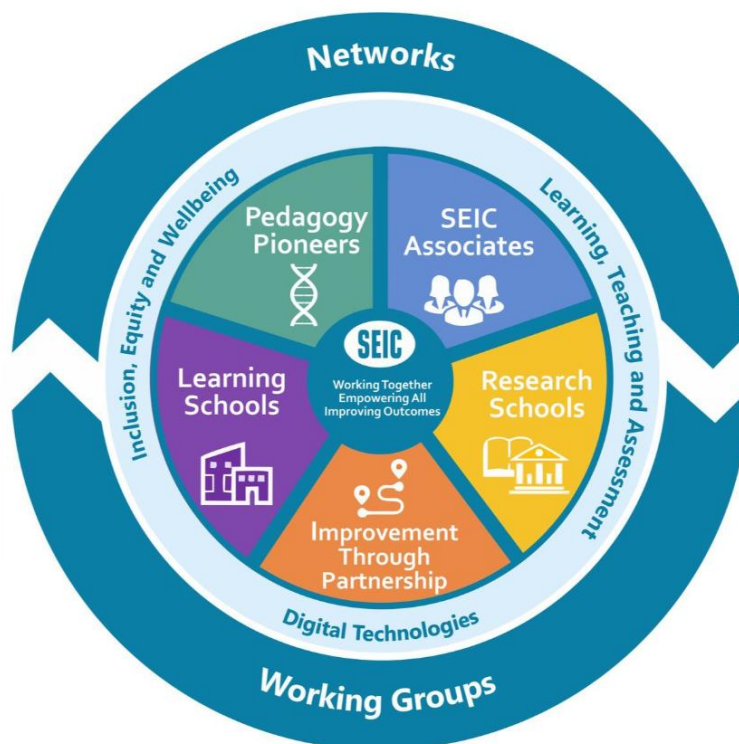


2023 - Issue 4

**Welcome to the latest update, bringing news of a variety of supports available to colleagues working within the South East Improvement Collaborative area.**

If I keep reading this update, what will I find?

You'll find a range of **collaborative learning offers** coming up across the region. You'll also find updates on current regional work and a range of helpful **resources** you can tap into.



How can I find out more about SEIC, provide feedback or make contact?

You can subscribe to our mailing list by clicking on this link: [Subscribe here to SEIC News](#).

You can read the full SEIC Plan, which provides information on the background of the regional collaborative work, progress and impacts from last session, as well as details on this year's priorities & key approaches to providing supports, using this link: [SEIC Plan 22-23](#)

Follow us on twitter @SEICollab and [YouTube](#).

You can contact your SEIC Trade Union Group members:

Tim Wallace – AHDS

Gael Gillian – EIS, John Melville

NASUWT, Jim Thewliss – SLS

Kevin Campbell – SSTA

Debbie Thomson – Unison

Linda Ferguson – Unison

If you have any suggestions, feedback or need any further information about SEIC, please email [jennifer.marr@midlothian.gov.uk](mailto:jennifer.marr@midlothian.gov.uk)



Date & Time	Event & Provider	Audience	Venue
24 <sup>th</sup> Jan 4-5.30pm	<a href="#">Global Citizenship in the Primary Classroom</a> 	Primary	Online
24 <sup>th</sup> Jan 4.30-6.00pm	<a href="#">Creative Conversations: I Do This All the Time</a> 	All	In-person and online
24 <sup>th</sup> Jan 4-4.45pm	<a href="#">STEM Nation Award programme - Midlothian</a> 	All	Online
25 <sup>th</sup> Jan 4-5pm	<a href="#">Creating a reading culture and introduction to 'Reading Schools'</a> 	Primary	Online
25 <sup>th</sup> Jan	<a href="#">Supporting Learners with the Early Foundations of Counting Series of 5 sessions</a>	Early level	Online
26 <sup>th</sup> Jan	<a href="#">The Scottish Attainment Challenge and Early Years: "Being Prepared"</a> 	Early years	Online
30 <sup>th</sup> Jan 4-5pm	<a href="#">Play Pedagogy &amp; Literacy</a> 	Primary	Online
31 <sup>st</sup> Jan 4-5.40pm	<a href="#">Supporting Teachers in Scotland through the Fairtrade Schools Award</a> 	Primary & Secondary	Online
1 <sup>st</sup> Feb 6.30 -8pm	<a href="#">Recovery Play webinar for early learning and childcare settings</a> 	ELC	Online
2 <sup>nd</sup> Feb 4-5pm	<a href="#">Pedagogy Pioneer - First hand experiences in ELC settings</a> 	ELC	Online

2 <sup>nd</sup> Feb 4.15-5.15pm	<a href="#">Stem Nation Network session Join conversation (microsoft.com)</a> 	Primary, Early, ASN	Online
7 <sup>th</sup> Feb 4.30- 6pm	<a href="#">Exploring Secondary Social Subjects Through a Global Citizenship Lens – 2 parts</a> 	Secondary	Online
7 <sup>th</sup> Feb 4-5pm	<a href="#">Creativity and Science IDL pilot</a> 	Secondary	Online
9 <sup>th</sup> Feb 6.30-8pm	<a href="#">Recovery Play webinar for early learning and childcare settings</a> 	ELC	Online
13 <sup>th</sup> Feb 4.30-6pm	<a href="#">Developing Global Citizenship Through Play at Nursery</a> 	Early Years	Online
15 <sup>th</sup> Feb 4.30-6pm	<a href="#">Developing Global Citizenship through Play in P1</a> 	Primary 1	Online
21 <sup>st</sup> Feb 4.30-5.15pm	<a href="#">SEIC Early Level Pedagogy in Practice Workshop - sound rhythm and rhyme</a> 	Early level	Online
21 <sup>st</sup> Feb 10- 3.30pm	<a href="#">National Discussion for the Health and Wellbeing (HWB) Curriculum</a>	All	Dundee
21 <sup>st</sup> Feb 4-5.30pm	<a href="#">Active Global Citizenship through Primary Science</a> 	Primary	Online
1 <sup>st</sup> Mar 4-5.30pm	<a href="#">Anti-Racism in the Primary Classroom: A Global Citizenship approach</a> 	Primary	Online

2 <sup>nd</sup> Mar 4-5pm	<a href="#">Pedagogy Pioneer - Developing writing as part of a Play Based Primary 1</a> 	Early level	Online
2 <sup>nd</sup> March 4.30-6.00pm	<a href="#">Creative Conversations: Bewitched, Bothered &amp; Bewildered</a> 	All	In-person and online
2 <sup>nd</sup> Mar 4.15-5.15pm	<a href="#">Stem Nation Network session Join conversation (microsoft.com)</a> 	Primary, Early, ASN	Online
9 <sup>th</sup> Mar 4-5.30pm	<a href="#">Active Global Citizenship through primary maths</a> 	Primary	Online
16 <sup>th</sup> Mar 4-5pm	<a href="#">Pedagogy pioneer. A year in the woods Forest Kindergarten</a> 	ELC	Online
21 <sup>st</sup> Mar 4-5.30pm	<a href="#">Exploring Rights in Primary Fiction with the Scottish Book Trust</a> 	Primary	Online
27 <sup>th</sup> Mar 4-5pm	<a href="#">Development of Narrative through a Play Based Approach</a> 	Early level	Online

## Early Years Network – South East Improvement Collaborative



[Early Level Pedagogy in Practice Pamphlet 4 - Sound, rhythm and rhyme](#)

Welcome to our 4th Early level Pedagogy in Practice Pamphlet. This follows on from the one earlier this session and further supports “Sound, rhythm and rhyme”. It includes many of the suggestions given by participants at the subsequent pamphlet workshop. After the success of the first workshop we have another planned on Tuesday February 21st between 4.30pm and 5.15pm and we invite you to join us and engage in relaxed conversations around this edition. Please click this link to give us your details and any questions and we will be back in touch with a joining link nearer the time!

<https://forms.office.com/r/cjt8cTyQAm>

*You can find previous pamphlets here [SEICollabPortal Early Years Network](#)*

*You can find out about Pedagogy Pioneers here [SEICollabPortal Pedagogy Pioneers](#)*

*Find our library of Pedagogy Pioneer sessions on YouTube [South East Improvement Collaborative - YouTube](#)*

## STEM Nation Events - Calendar



The Events Calendar contains STEM and Learning for Sustainability professional learning opportunities, networks for dialogue and sharing practice and events from across a variety of STEM partners and also includes professional learning offered by Education Scotland. [Events – STEM Nation](#)

SEIC collaborations and supports continue to take place across the region, see below for more information on each of the areas of the SEIC Empowered System. You may already be engaged with one of our 'Connector' programmes through your school or setting, and you can still engage in plenty of our other offers. For instance you may wish to join one of the Pedagogy Pioneers webinars or sign up to attend one of the universal professional learning sessions on offer. Keep an eye on social media and the Professional Learning table within our updates for the links.

Over the next few months, we will continue to gather and analyse available school data from across the SEIC region. This will then be used to help our local authorities and SEIC decide what the SEIC priorities should be for 2023-2024.

SEIC now has a standard evaluation which we ask all participants to complete. Thank you to those of you who given this feedback which helps us to measure the impact of our SEIC work and continually improve our programmes. This data will also help us to shape our SEIC priorities in 2023-24.

### Research Schools/ELCs



- With the start of the New Year starts the implementation stage of our practitioner enquiries. Over the next couple of months the SEIC leads will be out visiting all Research Schools providing bespoke support to practitioners and senior leadership teams where it is needed. Our optional Drop in sessions will dig deeper into data collection, evaluation and interpretation and sharing the enquiry journey. We will be joined by practitioners from previous Research Schools to share their experiences.

**Universal** SEIC supports include access to online resources through Impact Wales and the World Education Summit for all settings in the South East Region – If you still don't have your log in, get in touch. See bullet point below for contact details

**Want to know more?** Please visit [SEIC Website](#) or contact: Jenny Marr, SEIC ESO - [Jennifer.Marr@midlothian.gov.uk](mailto:Jennifer.Marr@midlothian.gov.uk)



### SEIC Associates

- We are looking forward to welcoming our third cohort of SEIC Associates at our training day on 27<sup>th</sup> January. During the session we will be looking at preparation for a school visit, evaluative writing, as well as triangulation of evidence.

SEIC Associates from our 5 Local authorities continue to participate in school reviews and pre-inspection activity across the South East. Not only have our SEIC Associates reported positive feedback about the process but schools themselves have reported having SEIC Associates involved a very positive experience and great learning for all.

**Want to know more?** Please visit the [SEIC Website](#) or contact: Karen Thomson, SEIC QIO - [kthomson3@eastlothian.gov.uk](mailto:kthomson3@eastlothian.gov.uk)



## Improvement Through Partnerships

- Although there have not been any connector sessions since our last update, our Learning Pathways and Positive Destinations Connector Programme is continuing to progress well. Further visits took place to SEIC secondary schools in December and have resumed in the new term in January. These supportive visits have discussed the progress of the schools involved and offered support and planned next steps in their improvement journey. Planning for the remainder of the connector programme is at an advanced stage with a number of key partners and schools involved, whilst the opportunity for some universal support sessions open to all SEIC schools is currently being discussed. Our Learning Pathways and Positive Destinations Learning Schools, Craigmount HS and Glenrothes HS are now in place and further details around the opportunities to collaborate with them will be shared with connector schools after our next session, which is scheduled for Wednesday 8<sup>th</sup> February.
- If you want to know more about this work, please visit the [SEIC Website](#) or contact: Kenny Manson, Fife & SEIC QIO - [Kenny.Manson@fife.gov.uk](mailto:Kenny.Manson@fife.gov.uk) or Juliet Lunniss, CEC & SEIC QIO - [Juliet.Lunniss@edinburgh.gov.uk](mailto:Juliet.Lunniss@edinburgh.gov.uk)

## Learning Schools - Digital & Literacy, & Head Teacher Trios



### Literacy

- There is still time to sign up and join us for our Literacy Universal session coming up on Wednesday 25th January. [Creating a reading culture and introduction to 'Reading Schools'](#) This opportunity is open to everyone and a great opportunity to find out about Reading Schools and connect with colleagues across the region to discuss and share ideas around reading for pleasure and creating a reading culture. We are currently planning for our future connector sessions for the remainder of this term and hope to facilitate a focus on assessment and moderation of reading and writing for all of our connector schools.
- **Want to know more?** Please visit the [SEIC Website](#) or contact: [Catriona.McKinnon@midlothian.gov.uk](mailto:Catriona.McKinnon@midlothian.gov.uk)

### Learning Schools

- Our identified SEIC Learning Schools for 2022-23 have now been finalised and Connector schools will soon start to visit them to share their improvement journeys, build relationships and connect with colleagues from across the region. Funding has been provided to local authorities to assist Learning and Connector Schools in this programme.  
**Want to know more** If you would like to ask any questions about Learning Schools, please contact [Colin.McLean@midlothian.gov.uk](mailto:Colin.McLean@midlothian.gov.uk)

## **SEIC Head Teacher Trios – Cohort 2**

- SEIC HT Trios is now open to local authority Early Learning & Childcare Centre Managers and ELC stand-alone Headteachers in the SEIC region. We would still like to welcome more ELC Managers/Headteachers so please do sign up if you would like to be part of this supportive programme.

As you may know, the SEIC Headteacher Trios programme gives SEIC Headteachers the opportunity to be matched to HTs from other local authorities who can then meet to share learning from their improvement journeys and collaborate to reach their improvement outcomes. Early feedback from cohort 1 HTs includes

“I am really enjoying the safe space to collaborate with other HTs and learn from our improvement journeys. This allows me to reflect on my next steps in my own school/ centre.”

“I already feel less alone and more supported by peers who are on similar improvement journeys.”

More information on this programme is available on the [SEIC HT Trios home page](#). Early Years Centre Headteachers and Centre Managers can now also join this exciting programme.

We are now preparing for Cohort 2 to start in early 2023 and if you are interested in joining the new Cohort, please let me know using the online [note of interest form](#).

**Want to know more?** Contact me at [Colin.McLean@midlothian.gov.uk](mailto:Colin.McLean@midlothian.gov.uk)

## **Digital Schools Award Connector**

- The SEIC Digital Schools Connector continue to progress well and schools have been engaging with resources and materials related to digital learning and teaching. The current focus on school culture fits well with the Digital Schools Award framework and looks at practical ways schools can build an effective digital culture. Education Scotland have recently published a [Teacher Digital Literacy Framework](#). The framework outlines the digital literacy skills, knowledge and understanding a teacher requires to deliver high-quality learning experiences for all children and young people. Comment on this draft framework is invited.

**Want to know more?** Contact Susan Ward for queries: [susan.ward@midlothian.gov.uk](mailto:susan.ward@midlothian.gov.uk)





### Supporting literacy through Play Pedagogy

- Since our last update we have planned our fourth session which will be delivered in February. As a result of initial audits and from evaluation feedback provided after each session since our previous update we have provided input and facilitated collaboration and discussions around the role of observation and assessment, the role of the adult as well as planning for a balance of the day.
- We have also identified our 3 Play Pedagogy Learning Schools; Aberdour PS Fife, Newtongrange PS and Roslin PS Midlothian. They will be hosting visits by connector schools to hear about their journey with play pedagogy in the coming months.
- Connector schools have been offered support with finance to engage in visits to the identified learning schools and schools are currently being matched up to ensure the visit is focused and best meets the needs of all involved.
- Senior Leadership teams have been invited to discuss progress towards achieving the school outcomes identified at the beginning of the programme. Most schools engaging in this process were on track to achieving all of their outcomes.
- Post session evaluations continue to be positive.
- All participants continue have access to a password protected section of the SEIC website where session slides and additional materials are stored. They also have direct contact with Pedagogy Pioneer leads for additional support between sessions.

**Want to know more?** Please visit the [SEIC Website](#) or contact: Michelle Matthews, SEIC QIO - [MMatthews@scotborders.gov.uk](mailto:MMatthews@scotborders.gov.uk)

## [SEIC data and analysis](#)

Thank you to everyone who completed our SEIC standardised evaluation form after each of our events. With over 400 responses, we have the following headlines...

- 89% of participants agreed SEIC events were relevant for their context
- 75% agreed their knowledge increased/ improved
- 68% agreed they benefited from collaboration with others

Our ongoing analysis of available data (ACEL national data update, HMI inspection reports across our region, SEIC evaluation data and, for example, national research and data) is helping SEIC to identify where our focus should be for 2023-24. Our 2023-24 focus will be agreed with our local authority partners and then work will begin designing our programmes.

Our next data and analysis network for local authority data leads, is on Tuesday 14<sup>th</sup> March 15:00 to 16:30 on Microsoft Teams. Contact [Colin.McLean@midlothian.gov.uk](mailto:Colin.McLean@midlothian.gov.uk) for further information.

# Impact School Improvement (Impact Wales)

We have renewed our membership to Impact School Improvement which means you and your school have access to this amazing resource. If you need a login, contact your local authority SEIC QIO. Each month we will be highlighting some of the amazing work, including podcasts and Sketch Notes.



## Sketch notes: Desirable Difficulties, Deliberate Practice and Retrieval Practice

### DESIRABLE DIFFICULTIES

A how to have an impact on learning

@ImpactWales

From research by A. Bjork "Creating Desirable Difficulties to Enhance Learning" 2017

Introducing variation into the learning process, creating desirable difficulties strengthens learning creating deeper connections & associations. This variation leads to improved ability to remember learning & be able to use it effectively in novel contexts.

Experiment = bean bag throwing to a target

Step 1

<p><b>PREDICTABLE LEARNING - A</b></p>	<p><b>VARIED LEARNING - B</b></p>
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Step 2 - Retest - A week later both group A & B tested over a novel distance. Group B, varied distance, able to hit the novel target much more often than Group A.

### Performance ≠ Learning

#### Types of Desirable Difficulties

INTRODUCE IN THIS ORDER ↓	<b>Interleaving</b>	Alternate topics or subjects so that similar learning is separated by time.	Possible Explanations:  Learners have to distinguish the difference & similarities in varied learning which creates stronger connections.  Reloading memory builds the strength of learning.  Testing is a more accurate reflection of our natural learning methods
	<b>Spacing</b>	Learning is broken up into a number of short sessions over a longer period of time	
	<b>Retrieval Practice</b>	Deliberately recalling learning through use of quizzing, testing & other recall strategies	

Our advice - spend more time on output!

INPUT	OUTPUT	PREDICTABLE LEARNING
INPUT	OUTPUT	ACTIVE LEARNING

Getting learning out is what counts!

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### 5 PRINCIPLES OF DELIBERATE PRACTICE

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Ref: Practice with Purpose The Emerging Science of Teacher Expertise @deansforimpact

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IMPROVE teacher practice by:

- Providing appropriately challenging professional learning tasks
- Sequencing professional learning in a coherent curriculum.
- Scaffolding focussed practice.
- Providing time to act upon feedback
- Helping teachers to understand the research themselves

<p><b>PUSH BEYOND your comfort zone</b></p> <p>Acknowledge &amp; plan for the learning trajectory of teachers as they move from novices to experts. Scaffold the early stages of learning with well supported practice experiences gradually fade out the use of templates &amp; prompts.</p>	<p><b>Work toward well defined SPECIFIC GOALS</b></p> <p>Start with a clearly articulated and specific goal. Consider the steps that need to be achieved on the way to that goal. Wherever possible use goals that are measurable to help articulate next steps.</p>
<p><b>FOCUS intently on practice activities</b></p> <p>Use methods of practice that isolate a specific element or closely replicate the teaching activity in a safe &amp; controlled environment. In this way practice can be carried out in a lower stakes context.</p>	<p><b>Develop a MENTAL MODEL of expertise</b></p> <p>Novice teachers &amp; teacher educators should have a clear understanding of the cognitive science of how learning happens. This mental model should include an understanding of how to recognise when learning has happened</p>
<p><b>Receive &amp; respond to HIGH-QUALITY FEEDBACK</b></p> <p>Feedback must occur as soon after the activity as possible. Wherever possible a further practice opportunity should be provided in order to improve &amp; refine the targeted technique using the understanding of the feedback</p>	

We believe in impact. We create high-quality, bespoke, research-informed professional learning. enquiries@impact.wales

### 4 Methods of Retrieval Practice

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Before you start put away all your books & classroom materials.

<p><b>Retrieval Practice Examples</b></p> <ul style="list-style-type: none"> <li>Exit tickets</li> <li>Starter quizzes</li> <li>Multiple choice quizzes</li> <li>Short answer tests</li> <li>Free write</li> <li>Think, pair, share</li> <li>Ranking &amp; sorting</li> <li>Challenge grids</li> </ul>	<p><b>BRAIN DUMP</b></p> <p>Write, draw a picture, create a mind-map on everything you know about a topic.</p> <p>Give yourself a time limit: say 5 minutes, then take a look at your books &amp; add a few things you forgot.</p>	<p><b>QUIZZING</b></p> <p>Create practice questions on a topic. Swap your questions with a partner &amp; answer.</p> <p>Question - What is a metaphor?</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> A comparison using 'like, as, than'</li> <li><input type="checkbox"/> A comparison where one thing is another.</li> <li><input type="checkbox"/> A comparison with a human attribute</li> </ul>
<p><b>FLASHCARDS</b></p> <p>Create your own flashcards, question on one side answer on the other. Can you make links between the cards?</p> <p>You need to repeat the Q&amp;A process for flashcards you fail on more frequently &amp; less frequently for those you answer correctly</p>	<p><b>KNOWLEDGE ORGANISERS</b></p> <p>Complete a knowledge organiser template for key information about a topic.</p> <p>You can use knowledge organisers to learn new things &amp; make links between subjects or ideas</p>	

After you have retrieved as much as you can go back to your books & check what you've missed. Next time focus on that missing information



## World Education Summit 2022



Don't forget your membership to world Education Summit 2022 is still live until March 20<sup>th</sup> and offers over 400 hours of recorded footage. We will continue to highlight sessions for you to watch. If you do not have a login, please contact [Jennifer.marr@midlothian.gov.uk](mailto:Jennifer.marr@midlothian.gov.uk)

### Teaching Strategies - The Training Stage

Elevate your teachers and teaching through the following training stage sessions, delivered by OTI (Osiris Teaching Intervention) trainers.

Opening with three sessions from Mark Burns, the architect of the Osiris Teaching Intervention:



- [How to Build the Perfect Class](#)
- [Collective Clarity: How to use Modelling and Probing to Ensure ALL Learners are on the Same Page](#)
- [Practical Memory Hacks for Securing Surface and Deep Learning](#)
  
- [Elevating Expectations. Yes, but how?](#) *Judy Pitt*
- [Clockwork Classrooms: Dare to Devolve and Challenge your Students to Activate their Peer Power](#) *Carmel Bones*
- [Retrieval Practice - Love to Teach](#) *Kate Jones*
- [Developing Learners? Academic Resilience and Self-Regulation for Success](#) *Steve Ingle*



## Have Your Say



### National Discussion for the Health and Wellbeing Curriculum

**Tuesday, 21 February 2023 10:00 - 15:30**

**Apex City Quay Hotel & Spa 1 West Victoria Dock Road Dundee DD1 3JP**

[Book now by clicking here](#)

In 2021 the OECD recommended that Scotland “develop a systematic approach to curriculum review”. Scotland could consider establishing a systematic curriculum review cycle with a planned timeframe and specific review agenda, led by the specialist stand-alone agency”. (Recommendation 3.4) In response, the Scottish Government and Education Scotland are hosting a co-design session with a range of educators across the 3-18 sectors and from across Scotland to explore what a cycle of curriculum review might look like in Scotland.

This work is required to support the OECD implementation plan and relates directly to the following strategic priorities: Curriculum & Learning, Teaching & Assessment.

