



SHBIE welcomes new dean

SHBIE has a new dean, appointed on 1st July 2022, as head of the institute. **Associate Professor Dr Noor Azam Haji-Othman** comes to SHBIE from the Faculty of Social Sciences where he was also previously dean. AP Dr Noor Azam is a specialist in English language and linguistics, with research interests in bilingualism, bilingual education, language education, language policies, transnational education, English as a medium of education and the indigenous languages of Brunei. He has published widely in many international journals and was co-editor of the Springer (2016) title *The use and status of language in Brunei Darussalam: A kingdom of unexpected linguistic diversity*.

AP Dr Noor Azam takes over from **AP Dr Masitah binti Shahrill**, who successfully led and nurtured the institute's many activities until the end of June, 2022.

<https://shbie.ubd.edu.bn/>

PROJECT NEWS

New
Research
project

Money to research money

Dr Nor Azura binti Hj Abdullah (PI), AP Dr Masitah binti Shahrill, Dr Rosmawijah Jawawi and Pg Dr Hj Md Hasnol Alwee Pg Hj Md Salleh (Co-PI, from the School of Business and Economics) have been awarded a research grant to investigate teacher candidates' perception of the teaching of financial literacy. Financial literacy is a comparatively new innovation in the curriculum, currently being adopted worldwide in primary and secondary schools, which aims to equip school-aged learners with the basic skills and awareness to effectively manage their own financial matters and to understand how finance 'works'. The purpose of the research project is to explore the teacher candidates' perceptions of the teaching and learning of financial literacy, what they believe it involves, and what their needs might be in relation to financial literacy content and pedagogy. With such information, it will then become possible to provide appropriate support to teachers and teacher candidates through future training. Data collection will initially be through a survey, followed by in-depth interviews, supported by a research assistant.

Contact: azura.abdullah@ubd.edu.bn

SHBIE MEMBERS WIN PRESTIGIOUS UK RESEARCH GRANT



STEM EDUCATION Two faculty members of SHBIE have won a prestigious research grant for a project jointly developed with one of the UK's highest ranking universities.

Dr Roslinawati binti Mohd Roslan and **AP Dr Masitah binti Shahrill** have won a £10,000 award as part of the UK-Brunei Higher Education Teaching and Learning Partnership Programme, administered by the British Council. Dr Roslinawati and Dr Masitah will be collaborating with Professor Stephen Ashworth, Professor of Chemical Physics and Science Communication and Associate Professor Dr Susan Matthews from the School of Pharmacy, both of the Faculty of Science at the University of East Anglia. They will be collaborating on a project entitled *Empowering primary teachers to deliver STEM in the classroom*.

The purpose of the grant is to develop a transnational education (TNE) programme to enhance the teaching of science, technology, engineering and mathematics (STEM) in primary school classrooms in Brunei. Dr Roslinawati is a specialist in primary school science teaching, while AP Dr Masitah is a specialist in mathematics education.

The £10,000 seed grant is funded by the UK's Foreign, Commonwealth and Development Office through the ASEAN Dialogue Partner Grant. It is designed to build and support UK-Brunei higher education collaboration, enhance internationalisation, and strengthen institutional partnerships through sharing knowledge and principles of good practice. The grant to support projects in transnational education is aligned to the United Nations Sustainable Development Goals (SDGs).

It is expected that the project will run from October this year and will hopefully lead to further collaboration.

Contact: roslinawati.roslan@ubd.edu.bn

Are primary school coursebooks keeping up?

Dr Andrew Littlejohn (Principal Investigator) and **Dr Juliana Shak** have begun a new research project to investigate the nature and design of published coursebooks aimed at teaching English as a second/foreign language to primary school children. In its initial stage, the project has collected samples from published international texts, and has begun the detailed analysis of the tasks they contain to identify the roles proposed for teachers and learners, the cognitive processes involved, modes of classroom participation involved, and the nature of the content learners are required to work with. The basic instrument of analysis is Littlejohn's (2011) framework for the analysis of tasks, widely used by researchers in materials development and classroom analysis. Preliminary findings have revealed a significant mismatch with the thrust of discussion in the primary school language teaching literature, and materials published for international markets.

Task Analysis Sheet	
Task number:	
I. What is the learner expected to do?	
A. TURN-TAKE	
Initiate/open/responses	
Scripted/closed responses	
Not required	
B. FOCUS	
Language system (rules or forms)	
Meaning	
Meaning/system/form relationship	
C. MENTAL OPERATION	
[detailed according to what is found in the materials]	
E. WHO WITH?	
[detailed according to what is found in the materials]	
II. WITH WHAT CONTENT?	
A. INPUT TO LEARNERS	
Form	
Source	

Part of the Framework for the Analysis of Tasks (Littlejohn, 2011)

Dr Andrew and Dr Juliana are eager to make contact with academics in other countries who are engaged in researching primary school materials for the teaching of languages to widen the scope of the project.

Contact: andrew.littlejohn@ubd.edu.bn

Research
project
update

Equal opportunities for all

Dr Juliana Shak (as Principal Investigator), **Dk Ratna Suriani binti Pg Haji Osman** and **Dr Haji Abu Bakar bin Haji Madin** have now moved on to the next stage of their research project, *Equity in Education: Exploring the in- and out-of-school learning support and opportunities for Bruneian secondary school students*. Undertaken in collaboration with the Department of Planning, Research and Development, Ministry of Education, the project aims to investigate Bruneian secondary school students' access to quality educational support and learning opportunities by focusing on the types and amount of academic learning support made available to them at school and at home. The team have completed a pilot stage of data gathering and, with the return to face to face teaching in the schools, are now moving on to collect

data from selected class levels in 12 secondary schools across the country.

Contact: juliana.shak@ubd.edu.bn

New
Research
project

Teaching in the time of Covid ...

Co-PIs, **Dr Marlizayati Binti Johari** and **Dr Siti Norhedayah Binti Abdul Latif** are leading a team of researchers, including are **Dr Aliamat Binti Omar Ali**, **Dr Nordiana Binti Hj Zakir**, **Assoc Prof Dr Masitah Binti Shahrill** and **Dr Hjh Hardimah Binti Hj Mohd Said**, to examine the impact of the endemic phase of Covid-19 on teaching staff at UBD. Investigations into the experience of educators at higher institutions during the endemic phase of Covid-19 have not been widely reported, nor has research into their wellbeing in this period. Entitled *Investigating the impact of covid-19 during the endemic phase on educators' teaching and learning practices and well-being in Universiti Brunei Darussalam*, their project aims to illuminate educators' experiences to help with future preparedness. The team has recently distributed an online questionnaire to all academic staff in the university, and aim to complete the project in July 2023.

Contact: marlizayati.johari@ubd.edu.bn

Research
project
update

... and parenting in the time of Covid

A collaborative project between SHBIE staff and the Department of Planning, Development and Research at the Ministry of Education, completed its first stage in April 2022, with the collection of quantitative data from Bruneian parents. The project, with the title *Primary school children's online learning during covid-19 pandemic: Bruneian parents' beliefs and attitudes*, aims to uncover parents' experiences of their children's online learning. While schools were closed, parents played a crucial role in guiding their children at home. It is therefore essential to understand how parents approach such experiences. The SHBIE team consists of **Dr Roslinawati binti Mohd Roslan** (Co-PI), **Dr Hj H Hardimah Binti Hj Mohd Said** (Co-PI) and **Dr Marlizayati Binti Johari**. The analysis of the quantitative data from the survey has now been carried out to identify emerging themes of parents' views on online learning during the pandemic. The next stage will involve the collection of qualitative data, gathered through interviews with approximately 20 parents of primary school aged children.

Contact: roslinawati.roslan@ubd.edu.bn



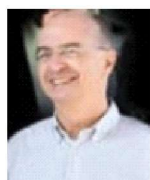
Research in Temburong breaks new ground

SHBIE Postdoctoral Research Fellow, **Dr Mohd Syafiq Aiman Mat Noor**, has begun a new project in Temburong, which aims to break new ground in education research in Brunei. Temburong is a largely rural area of Brunei, which, before the recent opening of a new 30km bridge, was only accessible from the mainland by boat. The project, which is funded by a UBD Faculty Research Grant, under the direction of **Dr Roslinawati binti Mohd Roslan**, employs a critical participatory action research approach that aims to identify the funds of knowledge held by Iban communities in Brunei Darussalam and to utilise those funds of knowledge to design an inquiry-based STEM (science, technology, engineering and mathematics) curriculum. The concept of 'funds of knowledge' refers to the historically accumulated and culturally developed bodies of knowledge and skills that everyone learns from their community and family. In schools, utilising learners' funds of knowledge to contextualise STEM teaching can decrease the gap between home and school, and give a sense of purpose and relevance to learning.

It is anticipated that the project will generate an evidence-based curriculum that connects with Iban communities' lived experiences. The curriculum, including sets of lesson plans, will be made public and will be made accessible for other teachers to use in the future via a website. A paper on the initial findings of the project has been accepted for the Association for Science Education (ASE) Annual Conference 2023 at Sheffield Hallam University, UK (7 January 2023).

Contact: syafiq.noor@ubd.edu.bn

SHBIE NEWS



SHBIE says goodbye to long-standing member of staff

This August saw SHBIE say goodbye to one of the institute's longest-standing members, with the retirement of **Professor Keith Wood**. Prof Keith served SHBIE for over 19 years, through the transition to being a graduate school in 2009, and the development of the MTeach programme of today. Prof Keith was particularly instrumental in establishing lesson study and learning study as a research method favoured by many members of the institute, and as a practical strategy for improving the

quality of teaching/learning worldwide. He published many research papers in the area of lesson/learning study during his years at SHBIE, and continues as a member of the executive committee of WALs, the World Association of Lesson Studies, and as a series editor of the WALs-Routledge Lesson Study Series. He recently co-authored, with Saratha Sithamparam (also previously of SHBIE), *Changing teaching, changing teachers: 21st century teaching and learning through lesson and learning study* (2022) published by Routledge, a follow-on text to the success of their earlier edited collection, *Realising learning: Teachers' professional development through lesson and learning study*, also published by Routledge.



Multidisciplinary team wins prize for digital short stories

An international, multidisciplinary team, including SHBIE's **Dr Nordiana Haji Zakir** has recently won an award for their development of augmented reality digital short stories aimed at promoting computational thinking amongst young children in childcare centres. The team comprises experts in linguistics, early childhood education, education, multimedia, information technology and computer science and includes Dr Nordiana Zakir (UBD), Dr Azniah Ismail (PI, UPSI), Dr Suliana Sulaiman (UPSI), Dr Haslinda Hashim (UPSI), Noor Anida Zaria (USPI), Dr Juppri Bacotang, (UMS), and Cheok Voon See (Millennium Software Sdn Bhd). The team have created digital short stories using the Digital Short Stories Engineering Framework (D2SE), which aims to develop problem-solving skills at an early age through story telling.

As a direct outcome of their work, the team won Silver Medal Award at the *International Invention, Innovation and Technology Exhibition* (ITEX'22), Malaysia, in May 2022, for the development of a fun nurturing kit for preschool children. The story kit, entitled *Aidanfikir*, which means 'Aidan thinks' in English, features a character who, via augmented reality, appears in the story's pop-up scene cards. When a code is scanned, Aidan 'comes to life' and walks around the scene, where he has to make certain decisions, with the aid of the child viewing the story.

Contact: nordiana.zakir@ubd.edu.bn



SHBIE SEMINAR Student teachers in the workplace

In June, **Dr Adeline Goh** and **Dr Desmond Tan** led a stimulating SHBIE seminar about their funded research project on workplace learning. The project investigates how newcomers to a profession learn 'on the job' to become part of their professional community. A particular focus is on the role of mentors and how student teachers, through the teaching practicum, can engage with their own professional development and exert agency. Their work draws on Fuller and Unwin's (2003) expansive and restrictive framework, and elucidates the nature of learning environments, especially the dispositions of mentors, which are central to the student teachers' learning. Their paper makes recommendations to enhance learning opportunities in school placements.

Contact: adeline.goh@ubd.edu.bn

RW12 The role of mentors in workplace learning

SHBIE's **Dr Adeline Goh** presented a paper at the *12th International Researching Work and Learning conference*, held online from 13-15th July 2022, and hosted by the University of Toronto, Ontario Institute for Studies in Education. Dr Adeline's paper, *Revitalising the mentoring discourse in contemporary workplace learning*, addressed the variable outcomes in the quality of workplace learning environments. The paper examined the strategies to support and improve the workplace learning of workers, especially newcomers. Drawing on the findings of a completed study on individuals learning to become a teacher, the paper traced a conceptual discussion for revitalising the pedagogical practices and roles of mentors in workforce development.

Contact: adeline.goh@ubd.edu.bn

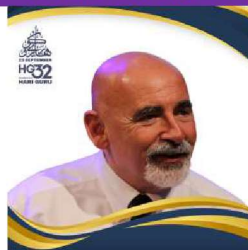


SHBIE specialist presents at Oral Tradition event

SHBIE's specialist in Malay literature, language and literacy education, **Dr Hj Rozaiman bin Makmun** was invited to present in a live streaming event on 27 August 2022. The event, which was hosted by the Universiti Putra Malaysia, was part of the Community Project in the Oral Tradition. Dr Rozaiman was the chosen outside presenter, and spoke about the importance of family values as reflected in Malay puzzle poems.

Contact: rozaiman.makmun@ubd.edu.bn

SHBIE TO HOST TEACHERS' DAY CONFERENCE



Professor Dylan Wiliam keynote speaker at the TDC '22

SHBIE will be hosting the forthcoming Teachers' Day Conference, the 32nd such event in Brunei. The theme of this year's event, which features presentations by teachers, senior teachers, education officers and other education professionals, is *Building a resilient education ecosystem*, and is intended to provide a platform for teachers to share and discuss innovative practices to improve the performance of students and the quality of education. The three-day event will take place between 29 September and 1 October 2022, at UBD, and is co-organised by SHBIE, Kolej Universiti Perguruan Ugama Seri Begawan (KUPU SB) and Brunei Darussalam Leadership and Teacher Academy (BDLTA).

The conference is privileged this year to have Professor Dylan Wiliam as the keynote speaker. Professor Wiliam is Emeritus Professor of Educational Assessment at University College London, and a renowned expert in assessment for learning (AfL) and formative assessment. He was previously Deputy Director of the Institute of Education, University of London.

Further details at <https://bdta.tech/tdc/>



The importance of team learning

Dr Adeline Goh and Alistair Lim presented a joint paper, entitled *Co-present groups: Understanding professional learning as communal becoming*, at the 11th SIG 14 (Learning and professional development) conference of EARLI, the European Association Research in Learning and Instruction, held at Padenborg University in Germany, from 17- 19 August, 2022. Focussing specifically on the learning of dentists in the course of their work, the paper argued for a shift away from an emphasis on individual learning, typically recorded through predetermined stages and steps for a regulatory body, towards greater account of the context of learning. Drawing on the lens of complexity theory and Hager and Beckett's (2019) concept of 'co-present groups', the paper argued for a view of learning as emergent through participating in practices that may involve more than an individual. Through these interactions, new possibilities for learning emerge, where no clear

linear cause-effect relationships can be traced. The overall aim of the paper was to revitalise the importance of the concepts of team learning in inter-professional care teams, including oral health professionals.

Contact: adeline.goh@ubd.edu.bn



SHBIE academic appears on television

Dr Hj Rozaiman bin Makmun was invited to speak on the live TV programme, *Rampai Pagi*, to talk about moral education. Dr Rozaiman outlined two important research findings, namely a model and a strategy for fostering pure values in the schools through the subjects of Malay literature, Malay language and Melayu Islam Beraja (MIB, Malay Islamic Monarchy). He spoke about the study's conclusion that there are four main commendable values: *Budi Bicara*, *Budi Bahasa*, *Budi Pekerti* and *Budi Bakti* (Approximate translation: good thoughts, good language, good character, and loyalty).

Contact: rozaiman.makmun@ubd.edu.bn

I-CMME



SHBIE academic presents keynote lecture

AP Dr Masitah Shahrill was invited to be one of the keynote speakers for the 2nd *International Conference on Mathematics and Mathematics Education (I-CMME)* organised by Magister of Mathematics Education Universitas Sebelas Maret (UNS), Indonesia, in collaboration with the Department of Mathematics, Universiti Pendidikan Sultan Idris (UPSI), Malaysia. It was a hybrid conference held from 22-24 July 2022 in Surakarta, Indonesia. The theme of the conference was *Improving knowledge through sustainable innovation in the field of education, science, technology, engineering, and mathematics*. Dr Masitah's keynote lecture was entitled *The prevalence of shadow education in mathematics: insights from three countries*, and explored the prevalence of students receiving private mathematics tuition in Brunei Darussalam, Indonesia and Iraq. The lecture reported on collaborative research undertaken by researchers in Brunei Darussalam (AP Dr Masitah Shahrill, Mrs Haryani Haji Mohammad, Mrs Ai Len Gan and Mr Daniel Asamoah), Indonesia (Dr Farida Nurhasanah) and Iraq (Dr Sahar Abbas Ibrahim).

Contact: masitah.shahrill@ubd.edu.bn



Well-being of school counsellors in Brunei Darussalam

Dr Hj Salwa Binti Dato Hj Mahalle, one of SHBIE's specialists in counselling, was an invited speaker at the 2nd *International Virtual Conference on Islamic Guidance and Counselling*, hosted by Forum BKPI Indonesia. The international conference was jointly organized by several universities in Indonesia such as Institut Agama Islam Negeri Salatiga, Universitas Islam Negeri Sultan Syarif Kasim Riau, and Institut Agama Islam Negeri Curup. Dr Salwa presented a paper entitled *Psychological well-being of school counsellors in Brunei Darussalam: a preliminary study*. The study investigated the factors affecting the psychological well-being of school counsellors and the coping strategies they use. From the interviews, Dr Salwa reported that some important factors affecting schools counsellors are the lack of acknowledgment from relevant authorities, lack of professional development training, overwhelming workloads both in counselling and non-counselling related matters, and lack of support from the authorities or the workplace. It was found that school counsellors used various coping strategies, such as social support, physical wellness activities, spiritual support, peer supervision, and consultation.

Contact: salwa.mahalle@ubd.edu.bn



ICCPA 2022

SHBIE conference on curriculum, pedagogy and assessment

SHBIE is organising an international conference, to be held virtually, from 26 to 27 October 2022, to address issues in curriculum, pedagogy and assessment. Entitled, *Thriving in an endemic world: Reimagining the future*, the conference theme will examine how the Covid-19 pandemic has changed the way we live and work, and how teaching and learning are conducted. Mental well-being of educators and students will, in particular, be a focus of the conference. Keynote speakers for the conference will be Prof Datuk Dr Mohd Tajudin Md Ninggal, from the Open University, Malaysia, and Dr Ong Yann Shiou, from Nanyang Technological University, Singapore.

Contact: iccpa@ubd.edu.bn

SHBIE academic addresses international webinar on creative dance

Dr Nordiana Haji Zakir was an invited speaker for the international webinar, organized by Universitas Muhammadiyah Jember, Indonesia on 15 April 2022, focusing on the relationship between dance movement and early childhood development. Dr Nordiana spoke about the importance of creative movement, and ways of planning and implementing it. She reported on two areas of research: firstly, how creative movement was used synchronously to support Bruneian preschool children's well-being during the COVID-19 pandemic online learning and, secondly, the perspectives of early childhood educators on the implementation of creative movement.



Dr Nordiana answers questions during the event

Participants at the event included preschool educators from Indonesia, selected educators from Brunei invited by the Early Childhood Education Unit at the Ministry of Education, SHBIE masters students specialising in early childhood, and other students engaged in teacher preparation.

Contact: nordiana.zakir@ubd.edu.bn

SELECTED RECENT SHBIE PAPERS

The full SHBIE recent publications list is now available online. Please visit <https://shbie.ubd.edu.bn/research/>

Salleh, S.M., Jawawi, R. & Abdullah, N. (2022).

Factors influencing teachers' implementation of online teaching and learning mode during Covid-19. *International Journal of Instruction* <https://doi.org/10.46517/seamej.v11i2.129>

- Investigates feedback from over 6,000 teachers on the new school norm of online teaching/learning during Covid-19 constraints, using a conceptual research model derived from the Unified Theory of Acceptance and Use of Technology (UTAUT). Analysis of the quantitative data involved factor analysis and structural equation modelling (SEM) and identified

significant findings in relation to teachers' behavioural intention, their motivation, effort, and belief factors.

Kamogawa, A., Salleh, S. M., & Jawawi, R. (2022).

Citizenship education in Brunei: raising awareness of ASEANness. In T. Hirata (ed). *Citizenship Education in the ASEAN Community, Governance and Citizenship in Asia*. Springer Nature Singapore. https://doi.org/10.1007/978-981-19-3692-0_3.

- Analyses government policies, curriculum and texts on citizenship education, focusing on Melayu Islam Beraja (Malay Islamic Monarchy, MIB). Reports on a survey of primary and secondary school students in Brunei to reveal their awareness of ASEAN. The chapter concludes with a recommendation towards a model of citizenship education, promoting awareness of ASEANness in Brunei Darussalam.

Ramly, S., Ahmad, N.J. & Said, H (2022).

The development of innovation and chemical entrepreneurship module for pre-university students: an analysis phase of ADDIE model. *Journal of Natural Science and Integration*, 5(1), 96-116. <https://DOI:10.24014/jnsi.v5i1.16751>

- Reports on the initial stage to identify the suitability and need for module development in innovation and chemical entrepreneurship, using the ADDIE instructional model. Data was collected from 60 pre-university students and 40 chemistry lecturers through semi-structured interviews and a needs analysis questionnaire. Five experts in STEM were also interviewed. Data analysis confirmed the suitability of the proposed module and the main components to be included.

Mokmin, A. U. P. A., Bungsu, J., & Shahrill, M. (2023).

Improving the performance and knowledge retention of aircraft maintenance engineering students in the theory of flight through STAD cooperative learning. *ASEAN Journal of Science and Engineering Education*, 3(2), 149-162. <https://doi.org/10.17509/ajsee.v3i2.49336>.

- Investigates the effectiveness of the Student Teams Achievement Division (STAD) in improving 11 TVET students' performance in the theory of flight. The results revealed that students' performance improved and they were able to retain their knowledge after the STAD intervention. The study concluded that STAD cooperative learning can be a helpful tool, particularly when it is conducted in well-prepared classroom environment. Implications from the findings and suggestions for effective ways to implement STAD cooperative learning are discussed.

Galis, A. & **Makmun, R.** (2022). Memperkasa daya tafsiran dan maklum balas kanak-kanak terhadap cerita bergambar melalui pendekatan semiotik. *Jurnal Pangsur*. No. 47 Jan – Jun 2022.

- *Explores how teachers are able to guide students to write pictorial essays through the skill of analysing symbols from a semiotics perspective. (Title in English: Empowering children's interpretation and response to picture stories through a semiotic approach)*

Makmun, R., Mahamod, Z., Abu Bakar, R & **Rahman, S.K.A.** (2023). Mempertingkatkan minat pelajar terhadap kesusasteraan melayu melalui pdpc berinovasi sesuai tuntutan spn21 negara brunei darussalam. *Jurnal Pangsur*. No. 48 July – Dec 2022.

- *Reviews efforts by teachers in creating innovative teaching approaches to increase students' interest in Malay literature as a school subject. Innovation in teaching requires the willingness of teachers to plan and apply various methods and techniques, as well as students' readiness to participate in the learning activities. (Title translation: Enhancing students' interest in Malay literature through innovative PdPc according to the demands of Brunei's SPN21).*

Mahalle, S., Yahya, N., & Zailani, F. F (2022). Psychological issues on family caregivers of stroke patients in brunei darussalam: in the era of pandemic Covid-19. *Education Quarterly Reviews*, 5(2), 299-305.

- *Reports on qualitative research to investigate the challenges facing family caregivers in Brunei, particularly those caring for stroke victims. The findings reveal that family caregivers may experience depression, stress, emotional exhaustion, physical problems, sleep deprivation, financial issues and issues with access to basic needs in caregiving. They are in need of family support and self-care.*

Ismail, A., Sulaiman, S., Hashim, H., Zaria, N. A., **Zakir, N.,** Bacotang, J. & See, C. V. (2022). The digital short stories engineering (D2SE) framework in creating stories on computational thinking theme for children aged 3-4 years. *Journal of ICT in Education*, 9(1), 154-161.

- *Presents the Digital Short Stories Engineering (D2SE) framework to guide the creation of stories focussing on computational thinking for children aged 3-4 years.*

The framework was tested through expert review and the creation of sample stories. The paper shows how the framework can be used not only for story creation but also to guide nursery teachers and parents when choosing reading materials.

Littlejohn, A. (2022). Language learning as education in the primary English classroom. In Xerri, D. & Valente, D. *Innovative Practices in Early English Language Education*. Palgrave Macmillan.

- *Offers a critique of conventional approaches to primary school language teaching and argues for an alternative model based on constructivist thinking about the nature of learning, roles of learners and sources of learner engagement. The chapter sets out principles for course design, with examples, including use of educationally rich content and methodology, thematic syllabuses, use of the L1, and involvement of children in classroom decision-making.*

Asamoah, D., **Shahrill, M.,** & **Latif, S. N. A.** (2022). A review of formative assessment techniques in higher education during COVID-19. *The Qualitative Report*, 27(2), 475-487. <https://doi.org/10.46743/2160-3715/2022.5145>

- *A systematic review focusing on formative assessment techniques in higher education during Covid-19. It explains why formative assessment practices in higher education have focused on responsive evaluation/feedback compared to assessment conversations and dialogues, arguing for the need to refocus formative assessment to include both formal and informal techniques during and after Covid-19.*

Abbas, N. A., **Abdullah, N. A.,** **Shahrill, M.,** & **Tengah, K. A.** (2022). Primary school pupils' performance on the addition of fractions: Conceptual and Procedural knowledge. *Journal Pendidikan Matematika*, 16(2), 227-238. <https://doi.org/10.22342/jpm.16.2.17811.227-238>

- *Investigates 572 Year 5 pupils' conceptual and procedural performance on the addition of fractions. The study revealed most pupils correctly attempted the addition of fractions using a procedural approach without understanding the essential concepts involved.*

Find previous issues of SHBIE Research News at <http://shbie.ubd.edu.bn/research-news/>
To join our mailing list, please contact the editor
AP Dr Andrew Littlejohn andrew.littlejohn@ubd.edu.bn.

