Open Vs Mental Routine

Last term, you might remember the article on breaking mathematical stereotypes. It is fascinating how teachers perceive themselves as maths teachers, but more importantly, how the school community also perceives this role. Many parents believe that maths is just mental routines that are taught in repetition on the white board, while many students think maths is an abstract concept with little to no bearing in the "real world".

As teachers and parents, we need to balance all these aspects, such as "real world" applications, mental routines as well as making maths fun and engaging for students. This is extremely hard to do and we all feel like jugglers, especially since many people have been told they are not good at maths or have the old 19-20th century view that maths is just sums on the white board and children just complete them in silence.

At Hackham East Primary, we want to take the mystery away from maths. For example, if I provide my students with the question:

A greyhound runs 515 metres in 29.5 seconds. A horse gallops 1650 metres in 1 minute 45 seconds. Which animal moves the fastest and by how much? Solve in 2 different ways and show all your thinking.

Is there a reason for working out this problem? Some will do it out of compliance and while a great question in itself, how can we make the students find relevance. If someone does not have a lesson purpose and understanding why he or she is teaching the mathematical concept, there is no point to teaching that lesson.

Therefore, to understand maths further, I will use the idea that all students learning maths, are like teenagers learning how to drive. What does a beginning driver need to know and be able to do? Well, they need to know basic road rules (which side to drive on, Give Way signs, Stop Signs), how the car functions (where the indicators are), and be prepared to listen/alert.

We want to take these learners to the next step. Therefore, we need to ask ourselves, what does a good, experienced driver understand that a beginner (or lousy driver doesn’t)? Indicators of what is ahead on the road, more perceptional awareness, anticipating what other drivers may do, and instinctiveness.

Finally, what are the long-term goals of an effective Driver’s Ed. Program? To create a competent driver that is safe on the road, aware of other vehicles and pedestrians who are responsible and instinctively know what to do.

This also applies in mathematics. We want students to be able to transfer and know what is ahead on their mathematical journey, look for indicators in how to solve problems and have a higher perception of the methods they use. Rote learning will not prepare you to transfer goals, in every subject (not just mathematics), we should have clarity for all transferrable goals and they should be clear at the start of the lesson.

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We want to make our lessons engaging, and use relevant and meaningful contexts, and use technology, and develop essential skills, and make it concrete, and support the kids to think, and use the benefits of group work, and those notions of multiple intelligences using kinesthetic and visual thinking, and – a biggie – cater for the huge diversity of student interest and abilities – and another biggie - developing genuine understandings (not just provide rules without meaning), and, and,.....

It seems like quite a bit and this is where the importance of Explicit lessons and Open-Ended tasks play their part. It is a challenge to consider these for lesson design but a challenge on another level to ‘put it all together’ into balanced, coherent, justifiable, assessable units of work.

Open-ended investigations give ‘double value’. Students in these lessons have the opportunity to develop thinking, reasoning and communication.

So remember, there is more to mathematical learning than meets the eye. Feel free to have a chat with your child’s teacher and see what engaging lessons they are undertaking and how maths has changed in their classroom.

Michael Koutsoukos
LNNP Mathematics Mentor
Hackham East Primary School

Thank you to all families who generously showed their support for Operation Christmas Child. The support shown by the school community was outstanding. In total we are sending 35 shoeboxes, which is a wonderful achievement. Thank you to Ms. Lipczyk’s girls who took on the task of packing the boxes.

Julia Osborne & Gill Dowd

Hackham East Primary School OSHC
Holiday Program for students aged 5 - 12 years

<table>
<thead>
<tr>
<th>Monday 29/9</th>
<th>Tuesday 30/9</th>
<th>Wednesday 1/10</th>
<th>Thursday 2/10</th>
<th>Friday 3/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incursion</td>
<td>Movie Day</td>
<td>Wheels Day</td>
<td>Excursion</td>
<td>Guest Speaker</td>
</tr>
<tr>
<td>Animal Capers</td>
<td>Loony Tunes</td>
<td>Bring your wheels and helmet</td>
<td>Adelaide Oval</td>
<td>Waste &amp; Recycling</td>
</tr>
<tr>
<td></td>
<td>Theme</td>
<td></td>
<td>Arrive by 9:00am</td>
<td>What happens to your rubbish</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Monday 6/10</th>
<th>Tuesday 7/10</th>
<th>Wednesday 8/10</th>
<th>Thursday 9/10</th>
<th>Friday 10/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Holiday</td>
<td>Excursion</td>
<td>Picnic at OSHC Lunch provided</td>
<td>Cooking Morning &amp; Craft Afternoon</td>
<td>Excursion Adelaide Zoo Arrive by 9:00am</td>
</tr>
<tr>
<td>Closed</td>
<td>Fire Station, Tram Ride, lunch at Glenelg</td>
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- Activities are subject to change or cancellation (eg weather, low numbers). Afternoon Tea is provided.
- Please bring a healthy recess and lunch each day.
- For bookings or enquiries, contact Jacky on 0499 228 039
- Notification of cancellations must be given at least 48 hours before the booked day so as not to incur a fee.

Jacky Smith, OSHC Director
School Closure Day  
Friday 12 September 2014

Student Free Day  
Monday 15 September 2014

Staff will be undertaking Professional Development on this day. 
OSHC will be available on both dates - please contact Jacky if you require care for your child/children

SCHOOL PHOTOGRAPHS

School Photographers MSP will be returning to our school on Tuesday 16 September 2014 to take photos of students who were absent on our School Photo Day (29 August 2014.) They are also able to take family photos on this day (brothers/sisters attending school only.) If you would like to have a Family photo of your children, the photographers will be in the gym from 9:00-9:30am only on this day. Online ordering for the family photo is no longer available. Please contact MSP on 83913951 to organise payment or pay cash on the day to the photographers. Family photo envelopes will be available from the photographers in the gym.

We anticipate school photos will arrive early Term 4. As soon as they arrive they will be distributed to classes. If you have any queries regarding your photos contact MSP on 83913951.

Thank You
Lee Clements

END OF TERM EARLY DISMISSAL

Parents/caregivers are reminded that school finishes at 2:00pm on Friday 26 September 2014, the last day of Term 3. Please ensure you are on time to pick up your child/children as staff have end of Term duties to attend to which may involve being away from the Front Office. OSHC is available - please contact Jacky Smith to make a booking.

Term 3 commences on Monday 13 October 2014.

SCHOOL ASSEMBLY

Due to the School Closure day on Friday 12/9, Week 8, the next school assembly will be held in Week 9, Friday 19/9 at 9:10am in the Penney Unit. Parents/caregivers and friends are invited to attend.

On Tuesday 16 September (Week 9) from 1:30pm - 3:00pm in the Gymnasium we are holding a Hackham East Dance Extravaganza to showcase and celebrate our PE and Arts wellbeing program.

Students may bring a dance related costume to change into for the performance.

The four specialist teachers, Arts, PE and French, devised an integrated three week program which encompassed their specialised areas of the curriculum.

The students have participated in a wide variety of dance genres, ranging from Zumba, Hip Hop, Traditional, Line and Modern, with the expert help of dance instructors Leigh and Kat.

Parents/caregivers are invited to come along - put on your dancing shoes and join in the fun.

Specialist Teachers
E Anderson, B Beare, G Martin & A Litzow

STUDENT PLACEMENT FOR 2015

A form for student placement in 2015 has been sent home for students in Reception to Yr 6. Staff will be involved in the process of class organisation and placement for students attending our school in 2015, which is an important and complex task.

Please return all completed forms to the Front Office by Friday 26 September 2014.

No requests will be accepted after this date.
If you require more forms they are available from staff at the Front Office.

CONGRATULATIONS

Congratulations to Rose Oswald - winner of the Fathers Day Raffle.

Thank you to the school community for supporting this fundraising event with a total of $440.00 being raised for our school.

Fundraising Committee

CHOIR

Choir students from Hackham East Primary School will be participating in the Festival of Music at the Adelaide Festival Theatre on Wednesday 17/9.

Students have demonstrated many of the school virtues with being a member of the Choir (courage, persistence, tolerance, good manners and friendliness) to achieve their personal best. This will be a unique experience for our students and we wish them a successful evening.

Erina Anderson
Performing Arts & Choir Teacher

Hackham East Primary School Dance Extravaganza

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**COMMUNITY NEWS**

- **Homelink for Children** Disability Carers needed now. Share your home and join our growing team of Carers. Ph 82025291 or visit www.unitingcommunities.org/homelink.

- **Occupational Therapist** From socks to jocks and all manner of little people skills in between. Occupational Therapy consults for parents and carers wanting information or support with their child’s sleep, toileting, dressing, hand eye coordination and/or independence. Ph Sue, Mandy or Joz 83822850 to make an appointment. Sessions held on 24/9 at O’Sullivan Beach Children’s Centre.

- **Siblings in Focus** An After School Social group for 5-12yr old siblings of children with special needs, disabilities and/or chronic illness. Held on 12/9 & 26/9 from 3:30-5:00pm at Take Heart, Impact Church, 104 Pimpala Rd, Morphett Vale. Ph Tanya or Sam 8186944. Bookings essential.

- **Child Protection Week** Protecting children is everybody’s business. You can make a difference, find out how. Come and make your commitment to keeping children safe in your community on Thursday 11/9 at Ramsay Place, Noarlunga from 1:00am-2:00pm. A family event.

- **Men’s Breakfast** Discussion group for men facilitated by Richard Schirmer. All ages welcome. Held on Friday 12/9 from 9:00-11:00am at Hackham West Community Centre, 44 Glynville Dr, Hackham West. Gold coin donation. Ph 83841065 for more information.

- **Candle Making** Candle making for those who already know the basics. Learn some different techniques for making beautiful candles. Held at Hackham West Community Centre, Cnr Warsaw Cres & Majorca Rd on Friday 12/9 from 12:30-2:30pm. Cost $5.00.

- **Blake’s N Kids** Kylie from Piccaninni Tiny Tots Authentic Aboriginal Children’s Boutique and a mum at the centre will show children and adults how to paint. Held at O’Sullivan Beach Children’s Centre, 51a Galloway Rd, O’Sullivan Beach on Saturday 13/9 from 9:30am-1:30pm. Ph Mandy on 83822850.

- **Multicultural Gathering** You are invited to share a meal to celebrate our inclusive multicultural community. Get to know your neighbours and expand friendship groups. Entertainment by Ralph Gourlay. Bring a plate to share on Friday 12/9 from 6:00-9:00pm at Christie Downs Community House, Morton Rd, Christie Downs. Free. Ph Rosalind Clarke 83840739 for more information.

- ** Headspace** You are invited to the launch of the new Headspace Aboriginal and Torres Strait Islander youth campaign in Noarlunga. Held on Wednesday 17/9 from 11:00am-2:00pm at 16 Alexander Kelly Dr, Noarlunga. Visit www.headspace.org.au/noarlunga for more information.

- **Women’s Education** Women moving into work/study. Why not apply for a Certificate in Women’s Education? Information Sessions held on Thursday 18/9 at 2:00pm at Room W202 (West Wing, Level 2), Enter via Foundation Skills Office, TAFE SA Noarlunga Campus, 1 Ramsay Place, Noarlunga Centre. Ph 82073100 or 82070307 for more information.

- **Be Kind & Unwind** Personal Wellbeing workshop held on Friday 12/9 from 9:30am-2:30pm at Woodcroft Morphett Vale Neighbourhood Centre, 175 Bains Rd, Morphett Vale. Lunch provided. Gold coin donation. Ph Alison or Leanne 81868900 to book.

- **Our Big Backyard** This month it is time to go pond dipping in the Hart Road Wetlands. Meet us at the end of Rowley Rd, Aldinga Beach on Sunday 14/9 from 10:30am-12:00noon. Ph 85576208 to register.

- **Managing Children’s Behaviour** A workshop that explores various methods of discipline for young children aged 2-10yrs. Topics include: - setting consequences, ignoring misbehaviour when appropriate, how to utilise time out and time in, using a behaviour diary and distraction. Held on Monday 15/9 from 6:30-9:00pm at Woodcroft-Morphett Vale Neighbourhood Centre, 175 Bains Rd, Morphett Vale. Gold coin donation. Ph Alison 81868900.

- **What Can I Do Now I Am 4?** An interactive workshop for parents with children 4yrs old. Support your child to get ready for school with early literacy, increased independence and fine motor skills. Held at O’Sullivan Beach Children’s Centre, 51a Galloway Rd, O’Sullivan Beach on Tuesday 16/9 from 1:00-3:00pm. Ph Sue, Johanna or Martine 83822850 to register.

- **Exhibition** Reynella Enterprise Youth Centre invited you to come along to our exhibition showcasing and celebrating young people’s achievements. Held on Tuesday 16/9 from 5:30-7:00pm at Onkaparinga Youth Services Reynella, 10 Main South Rd, Reynella. Free. Ph 83875577 to register.

- **Amanda Rishworth Welcoming The Babies** Are you a local family with a child under the age of 2. Register your baby to be part of this event for a fun way to publicly celebrate new births in our community and for a chance to say thanks to local mums and dads. Held on Wednesday 17/9 at Noarlunga Leisure Centre, David Witton Dr, Noarlunga Centre. Ph 81862588 to register.

- **Mothers in Arms** Wakefield Press invite you to the launch of Meg Gale’s book (forced adoption, mothers find a voice). Held on Saturday 13/9 from 1:30-4:30pm at Burnside Community Centre Hall, 401 Greenhill Rd, Tusmore. Ph 83628800 to register.

Flyers with further information relating to the above events are available from the Front Office.