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| **Nursery Class Priority 2 :** To further develop and enhance numeracy in the nursery |

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| **National Improvement Framework Priorities** | **HGIOS 4 & HGIOELC Quality Indicators** | **Integrated Children’s Services Plan Outcomes** |
| * Improvement in attainment, particularly in literacy and numeracy.
* Closing the attainment gap between the most and least disadvantaged children.
* Improvement in children and young people’s health and wellbeing.
* Improvement in employability skills and sustained, positive destinations.

Key drivers of improvement* School leadership
* Teacher professionalism
* Parental engagement
* Assessment of children’s progress
* School improvement
* Performance information
 | 1.1 Self-evaluation for self-improvement1.2 Leadership for learning1.3 Leadership of change1.4 Leadership and management of staff/ practitioners1.5 Management of resources to promote equity2.1 Safeguarding and child protection2.2 Curriculum2.3 Learning teaching and assessment2.4 Personalised support2.5 Family learning2.6 Transitions2.7 Partnerships3.1 Improving/ ensuring wellbeing, equality and inclusion*Specific to HGIOS 4*3.2 Raising attainment and achievement3.3 Increasing creativity and employability*Specific to HGIOELC*3.2 Securing children’s progress 3.3 Developing creativity and skills for life and learning | * All children reach appropriate development and social milestones through improved support in early years.
* Support for disadvantaged and vulnerable children, young people and families is improved.
* Health and wellbeing outcomes are improved for children and young people.
* Raised attainment for all young people leading to positive destinations.
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| Progress: | Developing the nursery priority No: 2 has made the nursery team much more aware of how they promote children’s mathematical learning and development. Therefore there has been increased professional dialogue around this area, which has resulted in a greater, more consistent approach by staff and more meaningful experiences for all children. During the in-service training days in Nov/Feb all nursery staff attended training around numeracy. All staff found the content of the training very valuable and engaged in positive conversations about the ways in which they could embed the ideas into their nursery daily practise. As a result of this numeracy is becoming a more focussed and consistent aspect of the daily planning for children’s learning and development. Two members of staff took the lead to work with parents and create a selection of numeracy sacks for children to take home and share with their family. Staff met with a group of parents to discuss the purpose of the sacks and what they might contain. As a result of this, the two members of staff have again met with parents and are in the process of making up a variety of numeracy sacks for children to take home and share with their family.A wide variety of outdoor numeracy resources have been made by staff to support the children’s numeracy development. These include numbered roof slates and pebbles and a set of large scales. As a result of this, children have been participating in more hands on, meaningful and purposeful numeracy experiences and activities. Staff have added loose part resources to the garden and scaffolded children as they have investigated and explored them, encouraging children to engage in problem solving activities such as creating paths and bridges with loose parts. As a result of this, children have had the opportunity to design, build, reflect and evaluate during their daily play.As a result of more purposeful professional dialogue around numeracy, staff have purchased a selection of mathematical games and resources to support and enhance children’s numeracy skills, therefore children now have a wide range of opportunities which are specifically designed to encourage and promote their numeracy skillsThe numeracy leaflet which is designed to support parents promote mathematics at home has been updated.  |
| Impact: | As a result of a more consistent and focussed approach to numeracy in the nursery, staff are becoming more confident when working with children, able to make judgements about children and where they are in their learning and then identifying children’s next steps. This improved approach has enabled the nursery staff to encourage the children to become more confident and capable mathematicians. The children are taking ownership of their learning and actively developing their skills, learning to identify numerals, count and sequence. More focussed and meaningful experiences and activities have involved deeper communication between children and educators, this in turn has developed and promoted children’s mathematical language. It also been noted that some children are also becoming increasingly confident and able to support other children who are less confident.Outdoor numeracy has been enhanced greatly with the addition of loose parts. The children are now much more eager to engage in outdoor play. They have significantly developed their creative role play as well as their problem solving skills. The loose part play has promoted many other areas of development such as communication. Children are also using these resources to develop their risk assessing skills as they play, designing bridges, traps and pathways. The wide variety of new numeracy focussed resources has encouraged the children to explore with greater enthusiasm, inspiring children to become curious and creative, as a result of this they are growing into independent and eager learners.The numeracy leaflet has supported parents as they play and learn with their children at home. It has given them a range of ideas and activities which will promote numeracy skills and they can incorporate them into their routines as they go about their daily lives. |
| Next steps: | * Continue to develop and roll out numeracy sack program
* Continue to find exciting and stimulating ways to develop children’s numeracy skills
* Ensure that all staff including new members of staff have the opportunity to attend numeracy training

Completed by Nursery Senior ECE S Pirie June 2017 |