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| **SEASON** | **6** | **EPISODE** | **14** |
| **TITLE** | **The marble run** |
| **EPISODE THEMES** | - Forces: push, pull, gravity- Chain reaction- Rolling, sequence of events |
| **EPISODE BLURB** | Skip has been working on something amazing and now it is time to see it in action. But Possum has been busy too. Watch carefully! |
| **STORY SUMMARY** | Possum and Sally have seen Skip designing his marble run for some time now and are eager to see if it is ready to go. Skip has a few finishing touches to add and it prompts Skip, Sally and Possum to discuss force, motion, gravity, chain reactions and triggers. They watch children set up a chain reaction experiment using dominoes. Possum gets some ideas from looking at Skip’s marble run which inspires him to start to set up his own chain reaction activity. Then Skip signals Possum and Sally that the marble run is ready to go and today is the day to pull the trigger. A chain reaction is set in motion starting in Skip’s crow’s nest. Sally and Possum are delighted to watch each step trigger the next one. Possum adds some finishing touches to his marble run and gives Skip the honour of pulling the trigger on his life size ball run. |
| **ACTIVITY** | * Setting up and activating a marble run
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| **VIGNETTES** | Children setting up a chain reaction experiment using dominoes |
| **FINGERSPELLING** | S-T-A-R-T, N-E-X-T |
| **CURRICULUM GUIDE\*** | **EARLY YEARS LEARNING FRAMEWORK** |
| **Children are confident and involved learners** * Children develop a range of skills and processes such as problem solving, inquiry, experimentation, hypothesising, researching and investigating
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| **QUEENSLAND KINDERGARTEN LEARNING GUIDELINE** |
| **Active Learning*** Showing confidence and involvement in learning
 |
| **AUSTRALIAN CURRICULUM** |
| **Science - Science understanding*** Physical sciences

**Technologies - Design and Technologies** * Knowledge and understanding
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