



# GRIDDLY GAMES

Play. Explore. Empower.

## CATALOGUE 2020

## About Griddly Games

We are a Vancouver-based company that creates award-winning **STEM** games and **STEAM** science and art kits that deliver innovative, engaging fun that brings families and friends together.

Griddly Games was founded by Reisa Schwartzman in 2007. Reisa is a mother and a grandmother who took it upon herself to deliver wholesome family fun that multiple age groups can enjoy together. Griddly Games offers games and kits that inspire laughter and fun, while promoting an active and healthy curiosity and lifestyle. Griddly Games' philosophy is to encourage play, promote exploration, and empower self-development and lifelong learning.

## Our Games Promote:

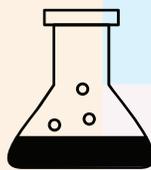
Our games and STEAM science and art kits develop different skills. For information on what skills each product develops refer to the legend below:



Strategic Thinking



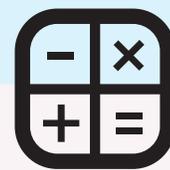
Sensory



Science



Memory



Mathematics



Logic



Language Development



Hand-Eye Coordination



Creative Thinking

# STEAM Science + Art Kits

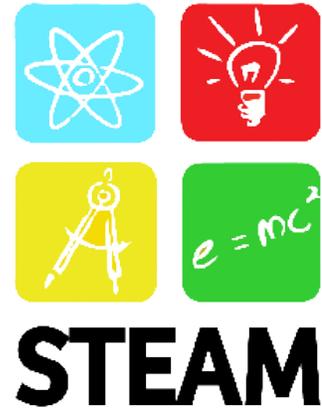
**Griddly Games STEAM Kits** combine science experiments and arts activities to inspire an interest in science and learning through hands-on, experiential play.

Using scientific observation, and strategic creative thinking, our mission is to encourage a lifelong exploration and self-empowerment in future generations.

All the kits provide everything you need to engage in multiple science and art activities.

We hope to nurture a passion for the subject of Science, Math, Engineering, Technology and Arts with every one of the games we create.

More importantly, we hope to make playtime an unforgettable, fun learning experience.



## Just Add Fruits & Veggies FAMILY 8+

Study of Bio Organics & Systems



What do you do with all your old fruits and veggies - no need to throw them out! This cool STEAM kit will deliver hours of exploration, creativity, learning and enjoyment.

### Activities Included:

- |                                  |                   |
|----------------------------------|-------------------|
| Multiple fruits & veggies stamps | Growing plants    |
| Fruit & vegetable bouquet        | Mirror cleaner    |
| Celery stamped owl craft         | Shoe polishing    |
| Potato battery                   | Potato clock      |
| Fruit battery                    | Floating potato   |
| Capillary action with veggies    | Celery experiment |
| Osmosis experiment               | Lemon volcano     |
| Dehydrated potato                | Dancing grapes    |

### Science Lessons:

- |                      |             |
|----------------------|-------------|
| Chemical reactions   | Osmosis     |
| Study of electricity | Germination |

**CODE 4000620**

**\$21.95**

**CASE 6 units**



# Just Add Baking Soda

## Learning of Bio Chemistry

FAMILY 8+



Future scientists and artists agree that this kit is explosive! This kit is the perfect mix of science and art for all creative kids.

### Activities Included:

- |                              |                          |
|------------------------------|--------------------------|
| Eruption print               | Lava lamp                |
| Baking soda volcano          | Watercolor paints        |
| How to make glue from milk   | Dinosaur eggs            |
| Dancing gummy worms          | Erupting ice chalk paint |
| Baking soda powered boat     | Baking soda ice cubes    |
| Stalactites & stalagmites    | Play dough               |
| Baking soda dough activities | Bath bomb                |
| Baking soda crystals         | Fizzy rocks              |
| Lemon juice experiment       | Invisible ink            |

### Science Lessons:

- |                        |                  |
|------------------------|------------------|
| Understanding alkaline | States of matter |
| Chemical reactions     |                  |

CODE 4000610

\$25.95

CASE 6 units



# Just Add Egg

## Study of Reactions

FAMILY 5+



This bio-organic STEAM kit, offers egg-citing activities for young artists and scientists to explore!

### Activities Included:

- |                            |                       |
|----------------------------|-----------------------|
| Naked and disappearing egg | Egg shell candle      |
| Egg shell geode            | Egg shell dying       |
| Egg dying                  | Egg shell mosaic      |
| Make your own dinosaur egg | Egg blowing           |
| Egg in a bottle            | Make your own chalk   |
| Vacuum egg                 | Egg shell hairy heads |

### Lesson Learned:

- Study of chemical reactions
- Experiments with pressure difference
- Study of membranes

CODE 4000600

\$29.00

CASE 6 units



# Just Add Sugar

## Study of Reactions

FAMILY 8+



This bio-organic STEAM kit, **Just Add Sugar™**, will sweeten the interests of budding artists and scientists alike! Make your own candy, sugar cubes and then clean up with your own homemade soap. Five science experiments and seven art activities included.

### Activities Included:

- |                     |                       |
|---------------------|-----------------------|
| Sugar crystals      | Decoupage yarn art    |
| Sugar rainbow glass | Edible play dough     |
| Sugar necklace      | Make a body scrub     |
| Ice worm pond       | Feed your flowers     |
| Make your own soap  | Natural flystrip      |
| Sugar paper mache   | Super tie-dyed shirts |

### Science Lessons:

- Densities of solutions
- Chemical reactions

CODE 4000599

\$24.95

CASE 6 units



# Just Add Sun

## Study of Heat

FAMILY 5+



Melt s'mores, make nachos, or even cook an egg with the power of the sun and the **Just Add Sun™** Solar Science and Art Kit. Learn about solar energy and introduce kids to eco-friendly energy alternatives. Six science and three art activities included. Package doubles as a solar oven.

### Activities Included:

- |                     |                       |
|---------------------|-----------------------|
| Balloon blow        | Build a thermometer   |
| Mystery pop balloon | Sundial               |
| Melting Ice         | Ice hands             |
| Solar oven          | Wax paper sun catcher |

### Science Lessons:

- Freezing and melting points
- Light absorption
- Reflections and heat transfer

CODE 4000566

\$29.00

CASE 4 units



# Just Add Glue

Study of Polymers

FAMILY 6+



Create different forms of super stretchy polymers and make them bounce! Using the same set of ingredients, make an array of creative crafts that you can keep, like slime, crystals and window clings. Learn about states of matter with **Just Add Glue™**.

## Activities Included:

- Make your own sun catcher
- Make your own bouncy ball
- Make your own crystals
- Make your own window clings
- Make your own putty
- Make your own foam
- Make your own slime



## Science Lessons:

- Study of polymers
- Chemical reactions
- States of matter

CODE 4000577

\$24.95

CASE 6 units



# Just Add Milk

Study of Surface Tension

FAMILY 5+



It's time to think twice about the milk in your cereal bowl! **Just add Milk™** encourages a curiosity for science combined with a love for experimenting with art. Observe changes in surface tension and create rainbow tie-dye keepsakes. Packaged in milk caddy display.

## Activities Included:

- Magic milk
- Milk painting
- Simple cosmic suncatcher
- Make a mouse pad
- Floating water
- Invisible soda pop
- Plastic milk
- Make natural glue

## Science Lessons:

- Surface tension
- Weakening molecular bonds
- Density of liquids

CODE 4000555

\$17.00

CASE 12 units



# STEM Games and Family Games

Griddly Games' family board games combine learning and fun to inspire an interest in learning through hands-on, experiential play. Using logic, language skills, creative and strategic thinking our mission is to encourage a lifelong interest in learning and empowerment in future generations.

This selection of **Griddly Games** are **STEM** games that inspire an interest in science and learning through interactive, family fun.



## Rocket Lander 3D Graphing

FAMILY 7+



In **Rocket Lander™** you can control a group of bold rockets exploring the vast world and outer space. Embark on an epic mission to settle and build the greatest rocket station. Fly the atmosphere, coordinate your rockets and overtake your opponents while defending your home turf. Rocket Lander™ is a three-dimensional STEM game hosting an X, Y and Z-axis that explore data literacy at any age.

### Skills Developed:

- Understanding three-dimensional mathematics
- Critical thinking
- 3D graphing
- Logic
- Mathematics skills - adding & subtracting



CODE 4000588  
\$27.00  
CASE 6 units



# Wise Alec

## Family Trivia Game

FAMILY 8+



Wise Alec™ gets everyone moving with laughter and tongue twisters, boggling brain teasers and healthy activities that get you off your feet! Challenge everyone in the family to play together.

### Activities Included:

- Charades
- Spelling
- Trivia

### Skills Developed:

- Logic
- Mathematics
- Memory
- Hand-eye coordination



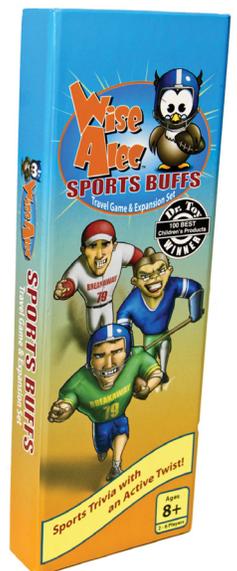
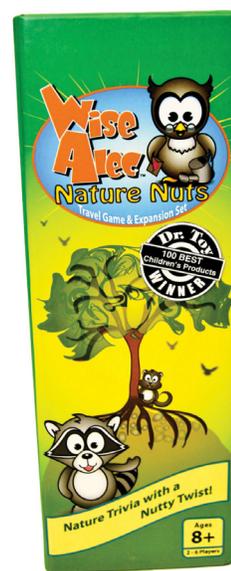
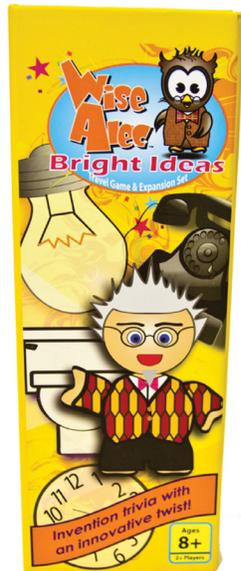
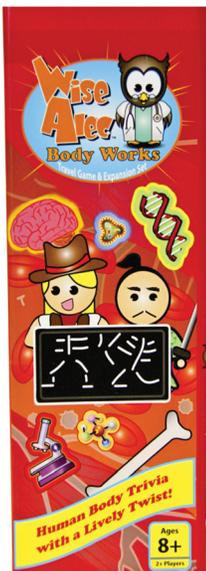
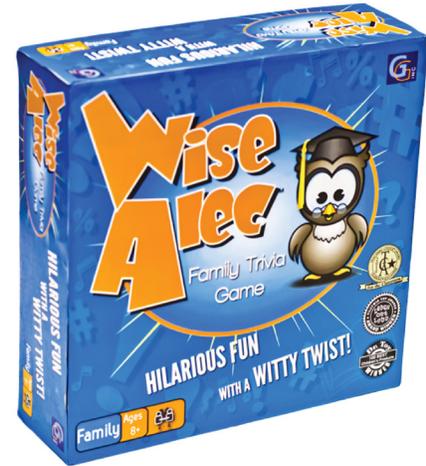
CODE 4000125  
\$29.00  
CASE 6 units



## Expansion & Travel Sets

- Body Works - Code 4000211
- Bright Ideas - Code 4000221
- Civilize This - Code 4000171
- Nature Nuts - Code 4000151
- Sports Buff - Code 4000161

\$16.95



# Wise Alec Junior

4 Games in One

FAMILY 4+



Wise Alec Junior™ is a fun trivia STEM game that develops and practices language, memory, mathematics, and strategic and creative thinking. Game is packaged in a magnetic travel carrier.

### Activities Included:

Charades

Memory game

Story telling

Card matching game

### Skills Developed:

Creative thinking

Memory

Knowledge

Hand-eye coordination

Mathematics

Team building

Sight reading words

CODE 4000191

\$16.95

CASE 6 units



# 5 Stones

Pickup Game, Hand - Eye Coordination

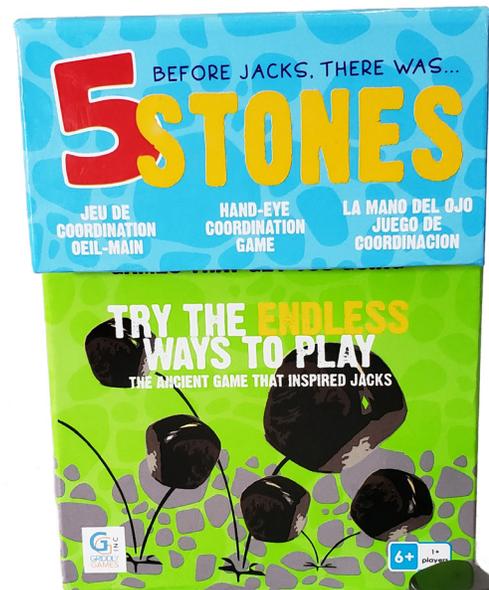
FAMILY 6+



5 Stones™ is the custom designed ancient hand-eye coordination game that inspired Jacks. Play your way with this adaptable and addictive hand game. Packaged in a reusable travel box to allow continued play. Multiple levels of play.

### Skills Developed:

Strengthen hand-eye coordination



CODE 4000415

\$10.50

CASE 12 units



# Oversight

Dynamic Four-in-a-Row

FAMILY 7+



Exercise your mind and outwit your opponents with **Oversight™** the fast-paced 4-in-a-row strategy STEM game! Easy to learn, but it's not always easy to win. Play includes up to four players.

## Skills Developed:

- Logic
- Critical thinking
- Hand-eye coordination
- Concentration
- Focus



CODE 4000181  
\$28.00  
CASE 6 units



# Rainbows and Storms

Make your own Board Game

FAMILY 5+



**Rainbows and Storms™** is a great afternoon activity, or birthday loot bag where the creativity never stops! Now is your chance to design your own board game. Teachers can tailor this STEM activity to Common Core Standards. Make it as easy as Snakes and Ladders. Keep the creativity going with erasable chance cards and over two hundred stickers.

## Skills Developed:

- Team work
- Communication
- Counting
- Creative thinking
- Hand-eye coordination



CODE 4000225  
\$21.00  
CASE 6 units



# Chronicles of the Mind

Party Ice Breaker

FAMILY 10+



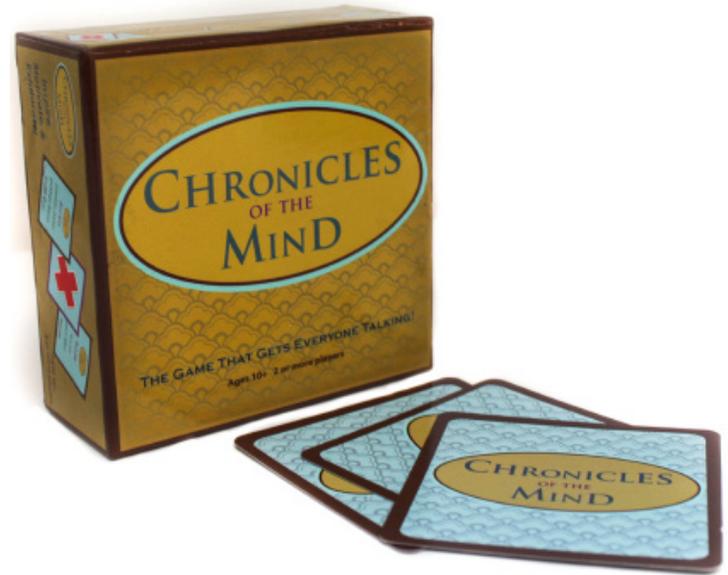
**Chronicles of the Mind™**, is a compact, portable party game featuring a collection of unique and interesting topics to break the ice at your next group gathering. **Chronicles of the Mind™** is a great game for all ages from kids to seniors and a great tool for teachers and seniors programs. Turn this ice breaker into a game of true or false.

## Skills Developed:

Memory

Communication

Creative thinking



CODE 4000132

\$14.00

CASE 12 units



# Words of the Wise

Mind Teaser

FAMILY 10+

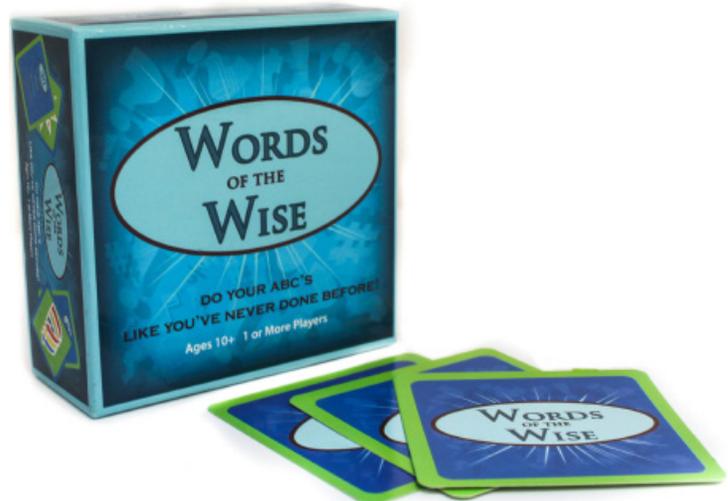


**Words of the Wise™** turns your ABC's into a hilarious word game! Strengthen vocabulary with this easy to learn ABC game. A,B,C might be easy, but see if you can get to X,Y,Z. **Words of the Wise™** features multiple ways to play. Play includes 1 or more players.

## Skills Developed:

Memory

Team building

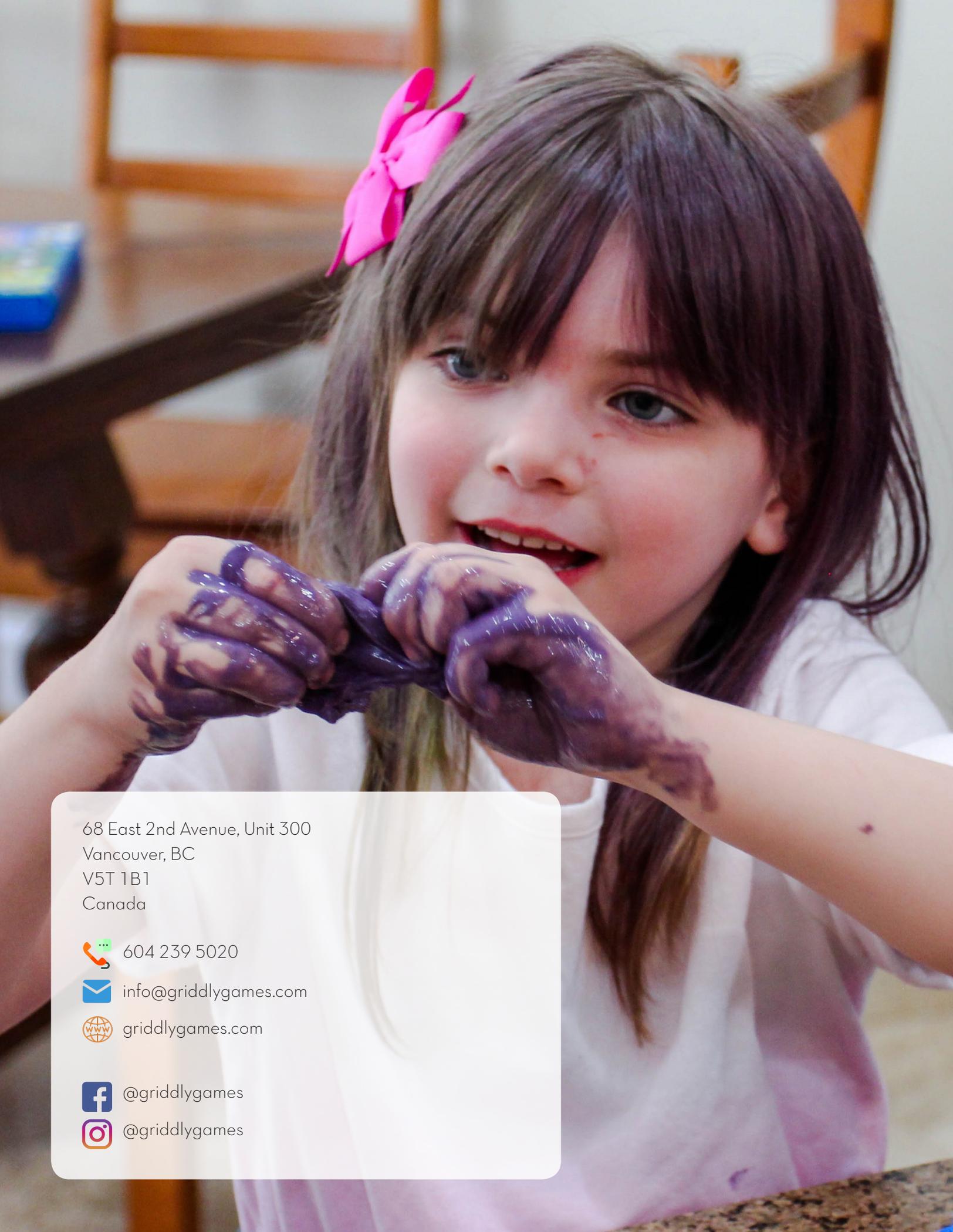


CODE 4000149

\$14.00

CASE 12 units





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