

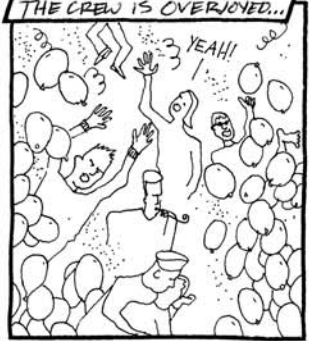
INVENTERPRISE 2006

ILLUSTRATED BY J. L'CHAPELLE

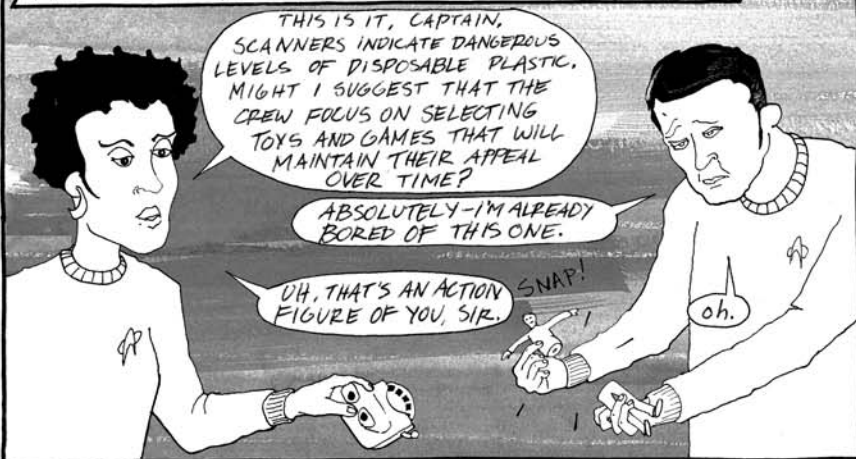


IDEAS... THE FINAL FRONTIER.
THESE ARE THE VOYAGES OF THE
STARSHIP INVENTERPRISE.
OUR CONTINUING MISSION:
TO EXPLORE STRANGE NEW PLACES,
TO SEEK OUT NEW IMPROVEMENTS AND NEW USES,
TO BOLDLY GO WHERE NO ONE HAS GONE BEFORE.

ABOARD THE STARSHIP INVENTERPRISE, THE CREW IS RESTLESS...



MINUTES LATER, THE CREW ARRIVES ON THE PLANET'S SURFACE...



READ ON!!!

Welcome to Invention Enterprise 2006

Here's the problem:

Legos[®], roller-skates, checkers, and soccer remain popular many years after they were invented. Tell us about your invention for a new toy, game, or sport that will still be popular in 50 years. Your invention should educate, improve fitness, enhance social contacts, or just be good, clean fun.

The next pages contain ideas to help you get started.

Official Rules

1. Any Central Oregon student in Grades K-12 may enter. In Grades K-8, students may enter in groups of up to three students. Only individual entries are allowed in the high-school competition.
2. Use any format you like for your contest entry. Examples are pictures, models, tapes, descriptions, computer programs, dramas, or whatever medium best conveys your ideas.
3. Entry deliveries will be accepted Wednesday, November 8, through Friday, November 10. **Entries must be received by 5 p.m. Friday, November 10, 2006.** Please bring or mail your entries to Bend Research Inc., 64550 Research Road, Bend, OR 97701.
4. Include your first and last name, teacher's name, grade, and school name on the entry form provided. Cut it out and attach it to your entry. **Make sure your name is on each piece of your entry.** You'll get your entry back if you check the box on the entry form.
5. A panel will judge entries for creativity, originality, coolness, and how well ideas are developed. **Entries must not defy the laws of nature.**
6. Fabulous prizes (specially designed T-shirts) will be awarded to the top entrants. K-8 winners will also be invited to a special Science Night presentation in their honor. Less-fabulous prizes will be awarded for good efforts.
7. **Cash prizes of up to \$1,000** will be awarded to the best high-school entries. The student submitting the best middle school entry will choose between a **digital camera, an iPod[®], a mountain bike, or a season pass to Mt. Bachelor.**
8. **K-5 teachers** whose classes have greater than 50% participation will share at least \$1500 in gift certificates for classroom supplies. Visit our website for details.
9. Winners will be announced by December 1, 2006. **Have fun!**

For more information, go to our website at <http://www.cocc.edu/inventionenterprise> or call Heidi at 382-0212, ext. 242, or Chris at 382-0212, ext. 113.

Invention Enterprise is sponsored by Bend Research Inc. with help from the Bend-La Pine School District and Central Oregon Community College.

Topics To Consider

Entrepreneur	Invent not only a game/toy/sport, but devise schemes to popularize, package, and distribute it
Pets	Pets need toys, too. Invent the perfect diversion for pets.
Aging Population	Fun is ageless. Develop a game/toy/sport that can be played in a nursing home or retirement community that promotes health and/or entertainment.
Water Sports	Develop an ecologically friendly new water sport or toy.
Fitness	Many Americans are unfit. Design new ways to get people active.
Educate	How about some new games and puzzles that stimulate the mind?
Technology	What far-out new electronic gizmos are waiting to be invented for fun? Invent a new high-tech sport/toy/game.
Community	Devise toys/games/sports that can help bring communities closer together. Invent toys/games/sports that can aid isolated and introverted people.
Disabilities	About 2 million athletes participate in the Special Olympics or the Paralympics each year. Develop a way to help more athletes participate.
Land Use	Wilderness areas and land reserves are dwindling around the world. Create an environmentally friendly way to play on the land that will promote preservation.

We are hoping these topics give you some ideas to get you started in inventing your own game, toy, or sport. Or invent your own appropriate topic!

Inventerprise 2006 Entry Form Please Print		
Grade _____	School _____	Teacher _____
Student Name(s) _____ <small>First Last</small>	Entry Title _____	
_____	_____	
<small>First Last</small>		
_____	_____	
<small>First Last</small>		
		Check this box if you want your entry returned <input type="checkbox"/>
Make sure your name is on each piece of your entry.	Number of entry parts _____	
(Please print this form and firmly attach it to your contest entry.)		

Toys, Games, and Sports That Last

Hula Hoops.[®] Three thousand years ago, Egyptian children played with hoops made from grape vines and stiff grasses that could be rolled along the ground or swung around the hips. A hooping craze swept England during the 14th Century, and “hula” became associated with it in the 1800s when sailors noted the hip motion of Hawaiian hula dancers. In 1958, Richard Knerr and Arthur Melin of Wham-O Corporation made a plastic version that has been popular ever since. It’s fun and it gives you a workout!

<http://www.ideafinder.com/history/inventions/story009.htm>

Skateboards. The first skateboards were invented in the early 1930s consisting of roller-skate wheels, a piece of two-by-four, and a vertical stabilizing bar. Modern skateboards developed during the 1950s and 1960s. The technology was driven by surfers seeking to find a way to ride when the surf was low. Today, boards are made from composite materials, urethane wheels, and bearings that allow for high impact and better control. Skateboarder Tony Hawk is credited with much of how skateboards look today.

http://skateboard.about.com/cs/boardscience/a/brief_history_2.htm

Silly Putty.[®] When rubber was in short supply during World War II, the government asked scientists to develop a synthetic rubber made from something other than petroleum. One material that didn’t work very well for tires had some entertaining properties. It bounced when dropped, stretched farther than regular rubber, didn’t get moldy, melted at high temperatures—and made a cool toy. Silly Putty was born. Since 1950, more than 3 million eggs of Silly Putty (4,500 pounds) have been sold.

http://www.sillyputty.com/silly_science/science_faqs.htm

Charades, a whimsical game that involves guessing words or phrases, dates back to 16th-Century France. It’s mentioned in literature throughout the 19th and 20th Centuries. Today’s form is the acted charade in which the meaning of different syllables is mimed while the audience attempts to figure out the whole word or title. Today’s players use standard signals to convey meaning, such as placing one’s hands together and then unfolding them flat to indicate that the word or phrase is a book title. No one really knows when or where the game originated, but the name may come from a French word for “chatter” or “gossip.” <http://www.games-collector.com/games-c/204023-charades-1985.htm>

Crossword puzzles as we know them were created by Arthur Wynne who published his “word-cross” in 1913 in the *New York World* newspaper. Wynne’s word-cross soon became a weekly feature. In 1924, a small publishing company printed a book filled with the *New York World’s* puzzles.

The book started a craze all over the U.S. that has yet to die down. These puzzles derived from word squares which were found in the Roman ruins of Pompeii. Word squares are made of words of equal length that are read horizontally and vertically,

B	A	G
A	R	E
G	E	T

as shown to the right. These are a little different from our current crossword puzzles, but provide proof that people have been playing with words for centuries. <http://www.infoplease.com/spot/crossword1.html>

LEGO[®] was formed from two Danish words that mean “play well,” but the creators of the name were unaware that in Latin it also means “I put together.” The company that makes the little building bricks started in Denmark 1932, but the bricks we recognize today weren’t created until 1949. The blocks were first made for the local market and later were exported to other European countries. In 1961, the little brick made it to America and kids have been building up a storm ever since. <http://www.lego.com>

Baseball. People through the ages have developed stick-and-ball games. Our game of baseball probably evolved from the English sport of rounders, which was played in the United States in the early 1800s. This game was modified during the next few decades. In 1845, the rules of the game that we know as baseball were formally written out by Alexander Cartwright, not Abner Doubleday as is commonly thought. The sport’s popularity and durability are probably traced to the exciting one-on-one duels between pitcher and batter, in combination with the teamwork necessary to play the game.

<http://www.baseball1.com>