

Visualization of *Slalom Snowball Effect*

START

1. Set-up and Procedure

FINISH

The graphic on the right is an animation depicting how *Slalom Snowball Effect* (SSE) works. I am using the metaphor of a snowball rolling down a ski slope turning at slalom gates. The small yellow sphere at the top is the snowball which represents the “idea.”

The 8 blue slalom gates on the left spell out the word **PRACTICE** and 8 orange gates on the right spell out **RESEARCH**. Each set of gates is a “work session.” The snowball starts rolling down the slope from the orange “R” gate on the diagonal towards the blue “P” gate, turns around the gates and rolls on the opposite diagonal to orange “E”, blue “R” and so forth.

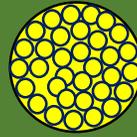
Subsequently, the snowball turns and rolls diagonally back and forth between **PRACTICE** and **RESEARCH**. After each slalom gate, the snowball grows in size and picks up more momentum. It stops at the finish gate smoother with greater mass than it was at the start.

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2. Results and Analysis

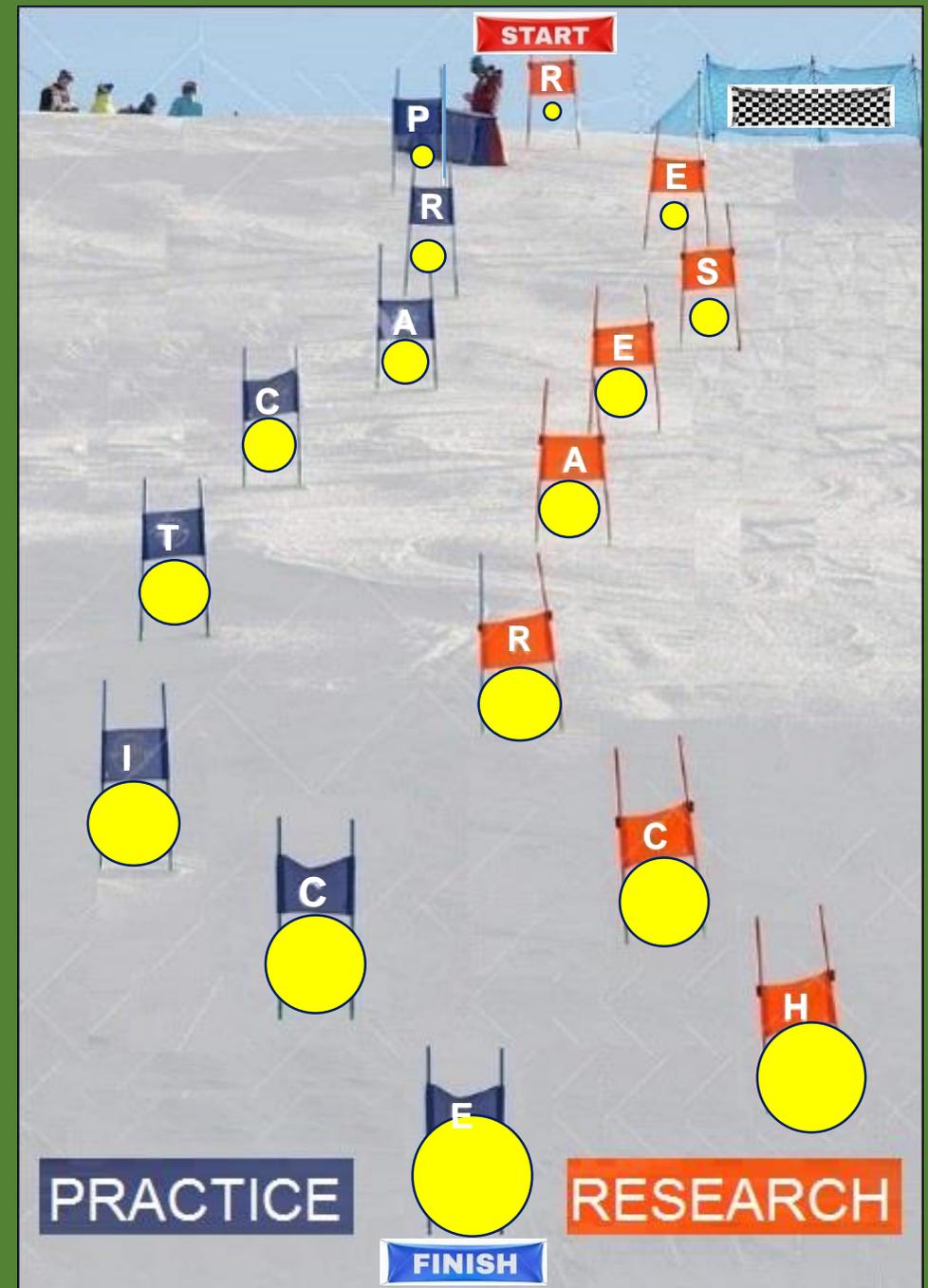


Results:

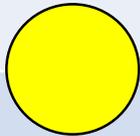
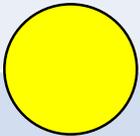
1. the snowball rolling in sequence completed the course with 16 gates and did not stop or veer off;
2. the snowball's mass grew to 30 times larger than its mass in the beginning
3. the snowball's speed accelerated after passing each gate and proceeded further down the hill
4. the snowball ended up smoother than at the start

Analysis: Sequential back & forth use of *Practice* and *Research* sessions:

1. keeps the work orderly and on course
2. provides continual added knowledge for each practice & research session; builds knowledge base
3. accelerates the work and builds momentum
4. constantly overcomes errors and refines the work



Slalom Snowball Effect For Research to/from Practice

	SIZE	SPEED	TEXTURE
START	1X 	1X 	rough 
FINISH	50X 	5X 	smooth 