

Rube Goldberg

Good Work!!!  
L4.

## Checklist for SECRET Skills!

## SECRET SKILL

Did I...

Y M N

<b>S</b>	Self-Management	<ul style="list-style-type: none"> <li>Take a chance?</li> <li>Bring the materials I was supposed to?</li> <li>Stay calm?</li> <li>Keep on trying?</li> </ul>	✓ ✓ ✓	✓	
<b>E</b>	Effective Participation	<ul style="list-style-type: none"> <li>Jump in and do something?</li> <li>Find a problem?</li> <li>Try to fix a problem?</li> <li>Stay positive with others' ideas?</li> </ul>	✓ ✓ ✓	✓	
<b>C</b>	Creative Thinkers	<ul style="list-style-type: none"> <li>Try to "see" my machine?</li> <li>Sketch the machine before building?</li> <li>Ask myself "what could happen if...?"</li> </ul>	✓ ✓	✓	
<b>R</b>	Reflective Learners	<ul style="list-style-type: none"> <li>Plan-Build-Test-Fix?</li> <li>Set goals? (What will the machine do? How many steps?)</li> <li>Share &amp; ask for feedback?</li> </ul>	✓ ✓	✓	
<b>E</b>	Independent Enquirers	<ul style="list-style-type: none"> <li>Explore different options?</li> <li>Stay objective? (I know there are many ways to solve a problem)</li> <li>Finish it?</li> </ul> (Did it work? Why or Why not?)	✓ ✓ ✓	✓	
<b>T</b>	Team Workers	<ul style="list-style-type: none"> <li>Use my strengths and group's?</li> <li>Manage the team? (on task)</li> <li>Act responsibly for self and team?</li> <li>Evaluate our team?</li> </ul> (How did you do?)	✓ ✓ ✓	✓	

		What was EASY? (pick from the 4 subskills)	WHY?	What was HARD? (pick from the 4 subskills)	WHY?
S	Self-Management	Go for it, finish it	For once I was motivated in school	Be ORGANIZED	FORGOT TO BRING MAT. FOR COUPLE OF DAYS
E	Effective Participation	IDENTIFY ISSUES	ISSUES were needed to be identified to fix errors in design	PERSUADE OTHERS	PEOPLE UNPERSUADABLE
C	Creative Thinkers	Take creative risks	and continue with the following: Most complicated machine was worth the few errors	TAKE CREATIVE RISKS	CONVENTIONAL METHODS PROVEN SO WHY AFTER A MECHANISM
R	Reflective Learners	PLAN-DO-Review	THIS WAS THE MOST NECESSARY AND IMPOSSIBLE	INVITE FEEDBACK	YOU WERE TO ASK SOMEONE'S OPINION BEFORE YOU ASKED
E	Independent Enquirers	EVALUATE EVIDENCE	TO MAKE ANYTHING WORTHWHILE WITHOUT IT. FINDING A BEST SOLUTION TO A STEP.	REACH CONCLUSIONS	WANT TO EXPLORE IDEAS ENDLESSLY
T	Team Workers	EVALUATE the TEAM	EASY TO FIGURE OUT CONDUCT AND EFFECTIVENESS	BUILD TEAM STRENGTH	DIDN'T ADVOCATE WHAT ANYONE ELSE WAS DOING EXCEPT MYSELF

1. Did your machine work?

Yes, temporarily.

2. Why did it work? Or why do you think it didn't work?

WITH A FEW MORE TEST RUNS AND 1 MORE CLASS

3. What was the most valuable thing you learned about using SECRET skills in this activity?

THERE ARE MANY THINGS TO IMPROVE IN A GROUP DYNAMIC. SO I BELIEVE IT WAS



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	Effective Participation	<ul style="list-style-type: none"> <li>Jump in and do something?</li> <li>Find a problem?</li> <li>Try to fix a problem?</li> <li>Stay positive with others' ideas?</li> </ul>	✓		
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	Reflective Learners	<ul style="list-style-type: none"> <li>Plan-Build-Test-Fix?</li> <li>Set goals? (What will the machine do? How many steps?)</li> <li>Share &amp; ask for feedback?</li> </ul>	✓		
	Independent Enquirers	<ul style="list-style-type: none"> <li>Explore different options?</li> <li>Stay objective? (I know there are many ways to solve a problem)</li> <li>Finish it?</li> </ul> (Did it work? Why or why not?)	✓	✓	
T	Team Workers	<ul style="list-style-type: none"> <li>Use my strengths and group's?</li> <li>Manage the team? (on task)</li> <li>Act responsibly for self and team?</li> <li>Evaluate our team?</li> </ul> (How did you do?)	✓	✓	

SECRET	SECRET	What was EASY? (pick from the 4 subskills)	WHY?	What was HARD? (pick from the 4 subskills)	WHY?
S	Self-Management	Go for it, Finish it!	We picked one thing and finished it.	Be organized	But it wasn't hard. 😊
E	Effective Participation	Identify Issues.	Because we could see the issue.	Finding solutions	If we fixed something, something else wouldn't work.
C	Creative Thinkers	Imagine.	Because we had a clear image of what our next step would be.	Make Links	We didn't use this skill while making our machine.
R	Reflective Learners	Plan-Do-Review.	We had a plan, then we did it, then we reviewed it.	Invite Feedback	We didn't ask for very much feedback.
E	Independent Enquirers	Explore a Question.	We explored a question by seeing what we could do with it.	Reach Conclusions	We had a hard time figuring out what to do if something wasn't working.
T	Team Workers	Built our team straight.	We knew who worked best with.	Managed the team.	But it wasn't that hard.

1. Did your machine work?

YES! First try too!!

2. Why did it work? Or why do you think it didn't work?

It worked because everything was very precise, and even with the slightest changes it made a huge difference.

3. What was the most valuable thing you learned about using SECRET skills in this activity?

If you use most of them carefully then you will succeed.



Name: *Ryden*

Rube Goldberg

*Good Reflection!*  
  
*L4*

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Y M N

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<b>S</b>	Self-Management	Go for it, finish it	We tried to finish it and we did.	Be organised	I didn't try hard enough
<b>E</b>	Effective Participation	Get involved	It was Fun	Persuade others	We needed to agree with each other more.
<b>C</b>	Creative Thinkers	question assumptions	I answer my own questions sometimes	Imagine	I'm just naturally bad at it.
<b>R</b>	Reflective Learners	set challenges	I had goals from the start	Plan-do-review	I forgot to plan
<b>E</b>	Independent Enquirers	Reach conclusions	I set goals that are reachable	Stay Objective	Our end result was a bit different
<b>T</b>	Team Workers	Take Responsibility	Helping out my team	Manage the Team	Help them Stay on task.

1. Did your machine work?

NO

2. Why did it work? Or why do you think it didn't work?

It didn't work because we knew that it only worked once every 5 times we did it.

3. What was the most valuable thing you learned about using SECRET skills in this activity?

Setting goals because you need to do that in life.

