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# IT ENTREPRENEURSHIP (SCK3463/SCD4763)

## Activity 4 Pasta Tower

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SoC

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INSPIRING CREATIVE AND INNOVATIVE MINDS



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# Objectives

- Teamwork
- Coordination
- Leadership
- Creativity
- Cooperation
- Innovation
- Patience



- Objective: Based on the limited resources, design and construct a pasta tower that can hold as much paper as possible.
- Resources:
  - Member: 6 person
  - Free Material: 1 Fettuccine, 1 Penne, 1 Elbow
  - Time:
    - Design: 30 minutes
    - Construction: 30 minutes



Fettuccini



Jelly



Penne



Elbow



# Cost of Materials

Items	Min: 1 - 10	Min: 11 - 19	Min: 20 - 30
Fettuccine (each)	RM25	RM50	RM75
Penne (each)	RM10	RM15	RM20
Elbow (each)	RM10	RM15	RM20
Jelly (each)	RM50	RM75	RM100



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# Material Order Sheet

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Item	Cost	Quantity	Total



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# Reward Structure

- RM100/ paper



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# Results

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Group	Cost	Reward	Profit/ Loss





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## Prizes

- The Strongest Tower – Most Cost Effective (Profitable)
- The Most Stylish & Innovative Tower – Most Astatically Design & Most Unique and Consumer Friendly Design



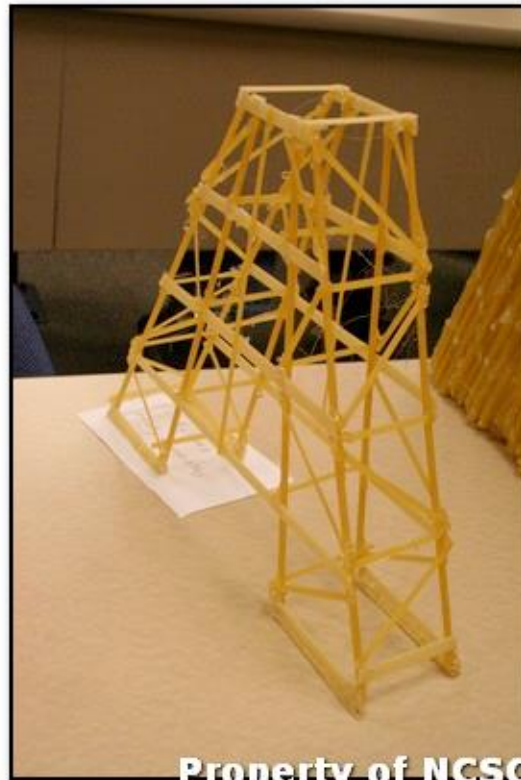
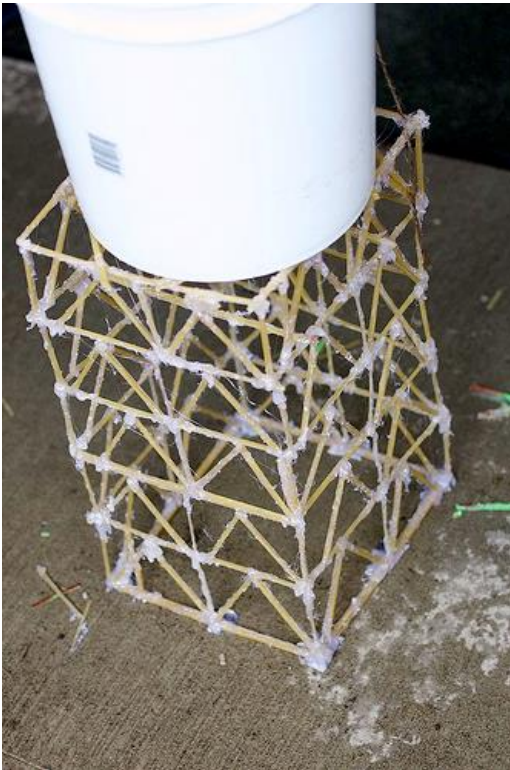
- Make sketches of any good ideas you have and make plans for how you will construct the tower – good planning and design are essential to building a successful tower!
- Where you choose to shorten pieces of spaghetti, make sure you cut them accurately. If you don't use pieces of equal length in a particular section of the tower, it may start to twist and topple.
- Carefully choose the site that you want to construct your tower
- Choose a member with steady hand (placing the paper on the tower). How you stack and organize the paper will influence the no of papers!



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# Sample Design



INSPIRING CREATIVE AND INNOVATIVE MINDS



- 08:00 – 08:30: Briefing
- 08:30 – 09:00: Designing
- 09:00 – 09:30: Building
- 09:30 – 10:00: Testing & Evaluating
- 10:00 – 11:00: Reflection & Lesson Learned