

Fall 2021/22 Future Skills Syllabus for Grade 5

Designing Bridges			
Date	Week	Syllabus content	Page
9/1-9/3	1	Introducing Bridges Research Different types of Bridges 9/1 - School Opening Assembly	
9/6-9/11	2	Quick Lab - How does Tube Shape Affect Strength? 9/11 - Make-Up Day for 9/20	
9/13-9/17	3	Hands on Inquiry - Building a Strong Footing 9/16 - National Fire Drill	
9/22-9/24	4	ASK - How do you Design a Bridge that has Strength and is Original? 9/21 - Moon Festival 9/25 Parent-Teacher Conference	
9/27-10/1	5	Imagine - Identify the Characteristics of a Bridge. - Understand the Concept of Motion and Forces. - Understand and Apply Important Terminology. 9/27- 10/1 - Communication Book Check	
10/4-10/8	6	Plan & Draw - Look at the Material and Design your Bridge. 10/4 - 10/8 - Workbook Check G1, G3, G5	
10/12-10/15	7	Create - Build your Bridge According to your Design. 10/10 - Double Ten Day 10/11 - National Holiday	
10/18-10/22	8	Test - Do a Strength Test to see how much Weight your Bridge can hold.	
10/25-10/29	9	Test - Do a Strength Test to see how much Weight your Bridge can hold. 10/29 - Halloween Activity	
11/1-11/5	10	Record and share - Present your recorded findings in a Future Skills Scientific Report. 11/1 - 11/5 - English Midterm Assessment - G1-G6 11/6 - Kang Chiao 20th Anniversary Sports Day	
Crossing a Chasm			
	Week	Syllabus content	Page
11/8-11/12	11	Introducing Chasms Research Different ways to Cross a Chasm 11/12 - Mail Merge	
11/15-11/19	12	Quick Lab – How can Energy of Motion Change?	
11/22-11/26	13	Hands on Inquiry – What can produce Potential Energy? 11/22 - 11/26 - Communication Book Check	

11/29-12/3	14	ASK - How do I cross a Chasm Safely? 12/1 - 12/25 - Christmas Activities 11/29 - 12/3 English Workbook Check	
12/6-12/10	15	Imagine - Identify the Characteristics of a chasm. - Understand what a chasm is. - Understand and Apply Important Terminology. 12/10 - School Sports Day	
12/13-12/17	16	Plan & Draw - Look at the Available Material and Design your prototype to cross the Chasm, using only wind power.	
12/20-12/24	17	Create – Build your prototype According to your Design.	
12/27-12/30	18	Test - See if your Prototype can Cross the Chasm with weight using only Wind Power. 12/31 - National Holiday 1/1 - New Year's Day	
1/3-1/7	19	Record and share – Record your findings. 1/3 - 1/7 - English Final Assessment - G1-G6	
1/10-1/14	20	Record and share - Present your recorded findings in a Future Skills Scientific Report. 1/11 - Mail Merge 1/12 - 1/14 - G6 Field Trip	
1/17-1/20	21	1/20 - Last Day of Semester - Closing Ceremony	