



Month: January Week: 4

Subject: Science

Day 1	Topic(s)		Foundation(s)	
	Review Week		SC4.1: Demonstrate engineering design skills	
Indicators				
	Young Preschoolers		Older Preschoolers	
	Use nearby objects that function as simple machines to enhance play.		Evaluate and communicate solution outcomes.	



Activities

Teachers view the [Build Duplo Tower](#) link by Frugal Fun for Boys and Girls to do Activity 1 on this site. Teachers will need to have either numbered flashcards or create numbered cards for children to learn how to count their blocks. To scaffold this opportunity, teachers can do simple addition problems and have children use their blocks to solve them.

Resources and Materials

- Tablet or Computer to access the link
- Legos/ Duplo Blocks
- Numbered Cards

Topic Related Language/ Key Vocabulary

Supports



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Day 2	Topic(s)		Foundation(s)	
	Review Week		SC3.2: Demonstrate awareness of the preservation, protection, and care of living creatures and plants.	
Indicators				
	Younger Preschoolers		Older Preschoolers	
	Begin to recognize that plants and animals need food, water, air, and sun to survive.		Describe basic things plants and animals need to live and grow.	



Activities	
View the Growing Lima Beans page and follow the activity. Each day children and teachers will chart how their lima bean is spouting by keeping a daily journal of what it is doing. They will draw a picture each day to chart the growth of their sprouts.	
Resources and Materials	
• Sandwich Zip Bag, Cotton Ball, Lima Beans, Water • Composition Notebook/ Notebook/ Stapled Papers as a book • Pencils and Crayons	
Topic Related Language/ Key Vocabulary	Supports



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Day 3	Topic(s)		Foundation(s)	
	Review Week	SC6.1: Demonstrate decomposition of larger tasks into smaller steps.		
Indicators				
	Young Preschoolers		Older Preschoolers	
	Identify 2-3 steps in common routines with adult support		Identify 3-5 steps in common routines	



Activities

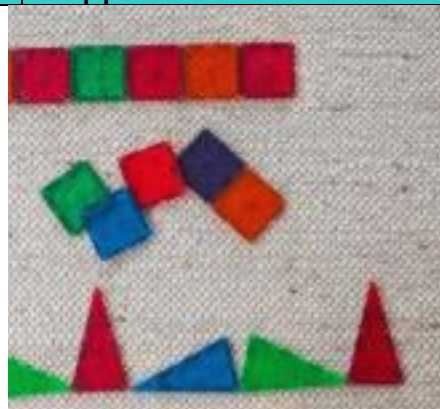
Repeating sequence with Magna Tiles: Make the pattern that repeats itself, but leave out tiles at the end and let the children figure out what comes next. To scaffold the learning, have missing tiles in the pattern and have them solve what comes next.

Resources and Materials

- Magna Tiles

Topic Related Language/ Key Vocabulary

Supports





Month: January Week: 4

Subject:

Day 4	Topic(s)		Foundation(s)	
	Review Week		SC2.1: Recognize seasonal and weather-related changes.	
Indicators				
	Young Preschoolers		Older Preschoolers	
	Communicate awareness of seasonal changes		Communicate awareness of seasonal changes	



Activities	
Children will watch the YouTube Video: A Walk in the Arctic for Kids by Scholastic to learn about different parts of the world that are cold and the animals that live in these cold environments	
Resources and Materials	
- Tablet/ Computer - YouTube Video: A Walk in the Arctic for Kids	
Topic Related Language/ Key Vocabulary	Supports
Arctic, Ice, Snow, Cold	

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Day 5	Topic(s)		Foundation(s)	
	Review Week	SC3.2: Demonstrate awareness of the preservation, protection, and care of living creatures and plants.		
Indicators				
	Younger Preschoolers		Older Preschoolers	
	Begin to recognize that plans and animals need food, water, air, and sun to survive.		Describe basic things plants and animals need to live and grow.	

Activities

View the [Growing Lima Beans](#) page and follow the activity. Each day children and teachers will chart how their



lima bean is spouting by keeping a daily journal of what it is doing. They will draw a picture each day to chart the growth of their sprouts.

Resources and Materials

- Sandwich Zip Bag, Cotton Ball, Lima Beans, Water
- Composition Notebook/ Notebook/ Stapled Papers as a book
- Pencils and Crayons

Topic Related Language/ Key Vocabulary

Supports