



Month: January Week: 4

Subject: Science

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| Day 1 | Topic(s) | Foundation(s) |
| | <ul style="list-style-type: none">• Theme: Review Week | SC4.1: Demonstrate engineering design skills |
| Indicators | Young Preschool (3s- 4 ½) | Older Preschool (4 ½ to 5s) |
| | Use nearby objects that function as simple machines to enhance play | Evaluate and communicate solution outcomes |



Activities

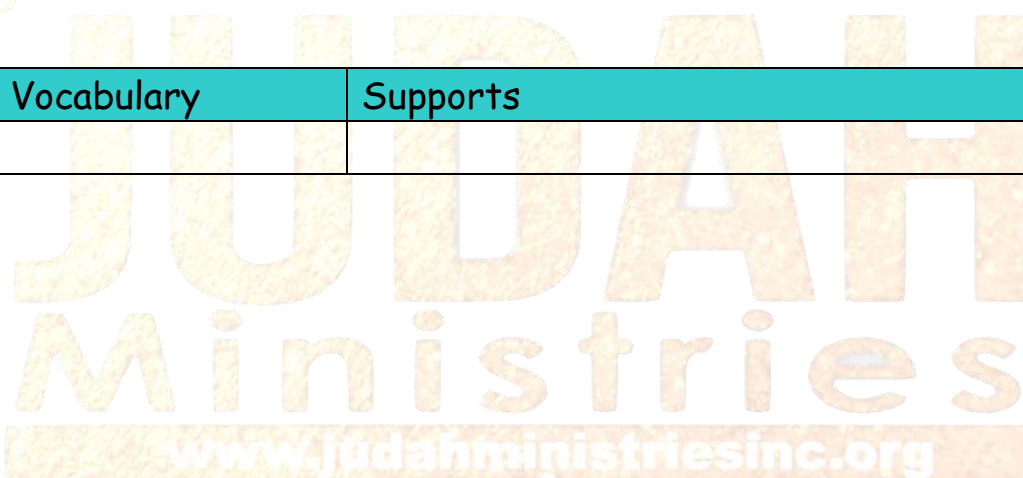
Teachers view the [Build Duplo Tower](#) link by Frugal Fun for Boys and Girls to do Activity 1 on this site. Teachers will need to have either numbered flash cards or create numbered cards for children to learn how to count their blocks. To scaffold this opportunity, teachers can do simple addition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

Resources and Materials

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

Topic Related Language/ Key Vocabulary

Supports





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| Day 2 | Topic(s) | Foundation(s) |
| | <ul style="list-style-type: none">Theme: Review Week | SC 3.2: Demonstrate awareness of the preservation, protection, and care of living creatures and plants. |
| Indicators | Young Preschool (3s- 4 ½) | Older Preschool (4 ½ to 5s) |
| | 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) |
| | <ul style="list-style-type: none">• Theme: Review Week | SC6.1: Demonstrate decomposition of larger tasks into smaller steps |
| Indicators | Young Preschool (3s- 4 ½) | Older Preschool (4 ½ to 5s) |
| | 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 to solve what comes next.

Resources and Materials

- Magna Tiles

Topic Related Language/ Key Vocabulary

Supports





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|------------|--|---|
| Day 4 | Topic(s) | Foundation(s) |
| | <ul style="list-style-type: none">• Theme: Review Week | SC2.1: Recognize seasonal and weather-related changes |
| Indicators | Young Preschool (3s- 4 ½) | Older Preschool (4 ½ to 5s) |
| | 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 | |
| <ul style="list-style-type: none">• 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) |
| | <ul style="list-style-type: none">• Theme: Review Week | SC 3.2: Demonstrate awareness of the preservation, protection, and care of living creatures and plants. |
| Indicators | Young Preschool (3s- 4 $\frac{1}{2}$) | Older Preschool (4 $\frac{1}{2}$ to 5s) |
| | 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

