

**Get Up and Dance**

Explore how different gears push each other and change the dancers' spinning speed in a fun dance competition

Missouri Learning Standards

Science - Grade K

MO.K.PS2. Motion and Stability: Forces and Interactions

K.PS2.A.

Forces and Motion

K.PS2.A.1.

Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object.

[Clarification Statement: Examples of pushes or pulls could include a string attached to an object being pulled, a person pushing an object, a person stopping a rolling ball, and two objects colliding and pushing on each other.]

K.PS2.A.2.

Describe ways to change the motion of an object (i.e., how to cause an object to go slower, go faster, go farther, change direction, stop).

Language Arts - Grade K

Reading

R.1.

Develop and apply skills to the reading process.

R.1.A.

Comprehension

With assistance, develop and demonstrate reading skills in response to read alouds by:

K.R.1.A.b.

Asking and responding to questions about texts read aloud

K.R.1.A.c.

Retelling main ideas or important facts from a read aloud or familiar story

Speaking/Listening

SL.3.

Speak effectively in collaborative discussions.

SL.3.A.

Collaborative Discussions

Speak clearly using conventions of language when presenting individually or with a group by:

K.SL.3.A.c.

Confirming comprehension by retelling information and asking appropriate questions based on read-alouds or other media

Mathematics - Grade 1

MO.1.GM. Geometry and Measurement

1.GM.A.

Reason with shapes and their attributes.

1.GM.A.4.

Partition circles and rectangles into two or four equal shares, and describe the shares and the wholes verbally.

Language Arts - Grade 1

Reading

R.1.

Develop and apply skills to the reading process.

R.1.A.

Comprehension

Develop and demonstrate reading skills in response to reading text and read alouds by:

1.R.1.A.c.

Seeking clarification and locating facts and details about stories and other texts

1.R.1.A.d.

Retelling main ideas in sequence including key details

Speaking/Listening

SL.3.

Speak effectively in collaborative discussions.

SL.3.A.

Collaborative Discussions

Speak clearly and to the point, using conventions of language when presenting individually or with a group by:

1.SL.3.A.c.

Confirming comprehension of read-alouds and other media by retelling and asking appropriate questions