

The Amazing 180 Second Science and World Language BRAINSTORM!!!!

Think of as many ideas as possible with your partner(s).

Language Topic	Science Topic Connections	Possible Activity Ideas
planets weather calendar	planets weather time of the day routines count time months birthdays holiday	weather forecast songs schedule different seasons weather 6

These ideas provided by:

Name

Affiliation

Pilar Menacho
 Pealpaca@yahoo.com

the Long Ridge School

The Amazing 180 Second Science and World Language BRAINSTORM!!!!

Think of as many ideas as possible with your partner(s).

Language Topic	Science Topic Connections	Possible Activity Ideas
<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">school</div> - people - building - objects in school	<ul style="list-style-type: none"> ◦ Physical Physics properties of things ◦ What makes up the physical school buildings (bricks, cement) wood ◦ Human Biology ◦ Shapes 	<p>→ measure things in cafeteria or classroom</p> <p>→ could also be in w/ measuring things</p> <p>→ looking at different kinds of people at the school</p>

These ideas provided by:

Name

Affiliation

Daphne Clyburn

Eagle Rock School (Estes Park, CO)

Leslie Braun

Howard Co. Public Schools
(Ellicott City, MD)

The Amazing 180 Second Science and World Language BRAINSTORM!!!!

Think of as many ideas as possible with your partner(s).

Language Topic	Science Topic Connections	Possible Activity Ideas
Time	Time zones people perceiving time in social fast position and motion. seasons. Animal extinction. changes in population over time.	

function of body based on the hour

These ideas provided by:

(Chinese medicine)

Name

Affiliation

Dana Pilla
Huang, Paohsuan

Nadderfield Pub. Sch. 20
Wandell School

The Amazing 180 Second Science and World Language BRAINSTORM!!!!

Think of as many ideas as possible with your partner(s).

Language Topic	Science Topic Connections	Possible Activity Ideas
Clothing	<ul style="list-style-type: none"> • weather • water/other cycles • fabrics - natural vs synthetic • Seasonal changes & seasons. • Health • Animals & their clothing. 	<ul style="list-style-type: none"> • Dressing up • skunk hole or se flota • Tachy, etc. diff. fabrics

These ideas provided by:

Name

Affiliation

Meera Litson

Charlotte Central School

Emily Beeman

Manchester Elementary, VT

The Amazing 180 Second Science and World Language BRAINSTORM!!!!

Think of as many ideas as possible with your partner(s).

Language Topic	Science Topic Connections	Possible Activity Ideas
<p style="font-size: 1.5em;">Our body</p>	<p>Position Characteristics Properties</p>	<ul style="list-style-type: none"> x movement x tic-tac-toe- x song x count pulse & heart beat- x 5 senses- x reflexes x sounds- x tie to story- <p style="text-align: right; font-style: italic;">APR - Directly - include heart rate body</p>

These ideas provided by:

Name

Affiliation

The Amazing 180 Second Science and World Language BRAINSTORM!!!!

Think of as many ideas as possible with your partner(s).

Language Topic	Science Topic Connections	Possible Activity Ideas
Colors	<u>Reef Fish</u> Foods <u>Rainbow</u>	Photos - Outlines of fish students color acc to directions Instruct - divide foods according to health properties Separate Draw/label

These ideas provided by:

Name

Affiliation

The Amazing 180 Second Science and World Language BRAINSTORM!!!!

Think of as many ideas as possible with your partner(s).

Language Topic	Science Topic Connections	Possible Activity Ideas
Spanish animales - animales donde viven / ambiente Características	Organisms & environment organisms & environment Animals on farm animals in Zoo Sorting Grouping	Discuss animals & their color, size, shape, etc. Place animal in natural habitat / country w/ Kangaroos - Australia & deserts

These ideas provided by:

Name

Affiliation

Vivienne Vasquez Mills

DCPS

Lisa Alonzi

Hudson City Schools

Science Activity Template

Topic:

Sight and Description

What do you see?

Objectives:

Color Mixing How do the colors change?

1. TWBAT describe their environment around them by using the verbs to look and see

2. TWBAT describe their environment using colors, ~~and~~ shapes and objects through the colored goggles

Vocabulary connections

Hands-on Activities or experiments:

A. colored goggles to view objects - describe how the colors change

B. mix colors ~~and~~ to make other colors

**Learning Song:

Science Activity Template

Topic: Introduce shapes — Kindergarten

Objectives:

1. Describe them
2. Connect to motion

Vocabulary connections

Hands-on Activities or experiments:

- A. Kinetic y potencial energía moving activity
- B. roll ball, oval shape, square, rectangle, triangle down a tube
- C. object races

****Learning Song:** tune of "This Old Man"

El círculo va

El ~~óvalo~~ ~~cuadrado~~ rectángulo no

El óvalo mueva como un loco

El triángulo salta

El cuadrado también

Todos muevan con energía

Inquiry based Activities

An inquiry based lesson or activity should require the students to complete specific tasks. The following is a guide for some tasks that mirror the type of scientific learning going on in the regular classroom. Use these ideas to create a response page or to guide a discussion in your classroom.

1. Start with a question:

Why are the days getting longer in the spring?

2. Watch the demonstration

model of sun/earth

3. Hypothesis - I think that...

→ students collect data about sunrise/sunset

4. Experiment

table/chart light source / shadows
proximity

5. Answer to question:

6. Was your hypothesis correct?

7. Draw what you observed.

→ Leslie Graham

Maryland

→ Susan Spinnato

Maryland

Science Activity Template DENNIS GERITZ

Topic: El universo / El sol

Objectives:

1. Students will be able to discuss the physical properties of the sun.
2. Students will be able to compare & contrast scientific facts about the sun with legends/myths.

Vocabulary connections

Hands-on Activities or experiments:

- A. ~~Students will do an Arctic legend~~ Tactile experiments - hot/cold.
- B. Activities showing gravitational pull of sun (m) with strings or ropes attached out of "sun" while tugs w/late cord.

**Learning Song:

"El sol es grande"
 El sol es caliente
 El sol es el centro de nuestra sistema solar
 El esta lindo
 Que la tierra atraer
 Y sin su calor
 la vida no esta."

Science Activity Template

Topic: plants

Objectives:

1. Students are able to tell the color of plants; what can make plants grow.
2. Students are able to know how fast the plants sprout.

Vocabulary connections

Hands-on Activities or experiments:

- A. plant three different seeds = "green ~~peas~~ beans", "red beans",
on white cotton "soy beans", "black beans"
- B. add water
Students check every class to see how the beans grow.

**Learning Song:

Christine Taylor, HUMS²

Science Activity Template

christine.taylor@universitymiddleschool.org

Topic:

Familia

Objectives: SWBAT Describe

1. Students talk about their family, correctly use articles (both definite & indefinite) → use Punnett Square to talk about articles)
2. Talk about family traits / genes

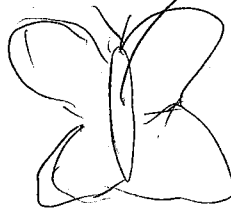
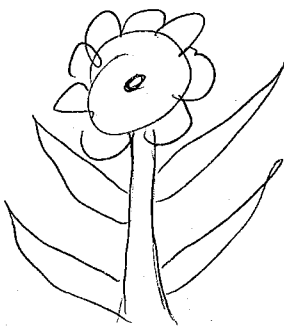
	sg	Plural
mas		
fem.		

Vocabulary connections

Hands-on Activities or experiments:

- A. Create their own family tree - describing their family traits
 - B. Have students ~~draw~~ describe a family member to another student and that student must describe draw the family member
 - C. Flowers/butterflies (used as graphic organizers)
- **Learning Song:

Family
adjective



Family member
name

use wings
to place 4 adjectives
to describe that
person

Can be used
with verbs.
as well