

Pro-Vision Academy Charter School
Eighth Grade Distance Learning Plan

Eighth Grade Distance Learning Plan
Week of April 20 – 24, 2020

8th Grade Math Activities
(Suggested: 45 minutes of off-line activities)

TEKS: 8.5I 8.2a

Monday

Work problems on ixl.com/signin/pva (20 minutes)

Tuesday

Using what you know about functions find the correct answer to this problem. Tell if each set of numbers is a function.

(1,5) (4,6) (6,4) (1,6) (1,4)

(2,2) (5,8) (2,2) (7,12) (5,8)

Wednesday

Using Pythagorean Theorem $a^2 + b^2 = c^2$

$5^2 + 6^2 = C^2$ What is C?

Thursday

Order these numbers from least to greatest.

{6, -18, .5, -2, 12, -5, 0}

Your login for ixl.com is your first initial and your last name.

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Science Activities
(Suggested: 25 minutes of off-line activities)

TEKS: 8.10A, 8.10B, 8.10C

WORD BANK:

Air mass	continental	denser	front
High pressure system	hurricane	lighter	low pressure
Maritime	occluded	stationary	thunder
Thunderstorm	tornadoes	tropical	warm

1. A(n) _____ is the most destructive storm on Earth.
2. A(n) _____ forms when a large, high pressure system lingers over an area for several days.
3. An example of a(an) _____ air mass is polar air mass that forms over the northern Atlantic Ocean.
4. A boundary between two air masses is a(n) _____.
5. In a(n) _____ rising air cools and water vapor condenses, forming clouds.
6. Cold air pushes underneath warm air because it is _____.
7. In a(n) _____ front, warm air glides over cold air.
8. A(n) _____ front forms when a fast-moving cold front catches up with a slow-moving warm front.
9. The first stage of a(n) _____ is when clouds form, this is the cumulus stage.
10. Rapidly expanding air molecules near a bolt of lightning cause a sound that is referred to as _____.
11. Dry air masses that form over land are called _____ air masses.
12. More _____ occur in the United States than anywhere else.
13. An air mass that forms near the equator is a(n) _____ air mass.
14. Other masses for a(n) _____ are tropical cyclones and typhoon.

MONDAY

Complete questions 1-3.

TUESDAY

Complete questions 4-6.

WEDNESDAY

Complete 7-10.

THURSDAY

Complete 10-14.

SUBMIT ALL ANSWERS ON FRIDAY