



5.P.1.1

In what way would
manipulation of the
mass of an object
change its' motion?



5.P.1.1

How do planetary
forces affect the
motion of objects?



5.P.1.1

How do forces and
change in mass
affect the motion
of objects?



5.P.1.1

Why do objects of
different masses
react differently to
changes in
conditions?



5.P.1.2

How can you
identify the motion
of an object?



5.P.1.2

What can be
inferred about the
motion of objects in
terms of how far
they travel in a
certain amount of
time?



5.P.1.2

What can be
inferred about the
motion of objects in
terms of time and
the direction in
which they travel?



5.P.1.3

Why is a line graph
the most effective
method for
communicating the
motion of an
object?



5.P.1.3

How could you
illustrate the
motion of an object
through the use of
a graph?



5.P.1.3

Why would you use
a graph to show a
change in position
over a period of
time?



5.P.1.4

How does the
manipulation of a
variable affect the
motion of an
object?



5.P.1.4

What effect do
balanced and
unbalanced forces
have on objects?



5.P.1.4

How is universal
gravitation
influenced by the
mass of an object?



5.P.2.1

How is each step of
the water cycle
affected by the
energy from the
sun?



5.P.2.1

What evidence
proves that the
water cycle is
influenced by the
sun's energy?



5.P.2.2

How does the weight of an object compare to the sum of the weight of its parts before and after an interaction?



5.P.2.3

What Causes physical and chemical changes in objects?



5.P.2.3

What comparisons
can be made
between the
original and new
materials?



5.P.2.3

How do these
comparisons
demonstrate that a
change has
occurred?



5.P.3.1

In what ways can
heat be transferred
between objects?



5.P.3.1

How are
conduction,
convection, and
radiation alike?



5.P.3.1

How are
conduction,
convection, and
radiation different?



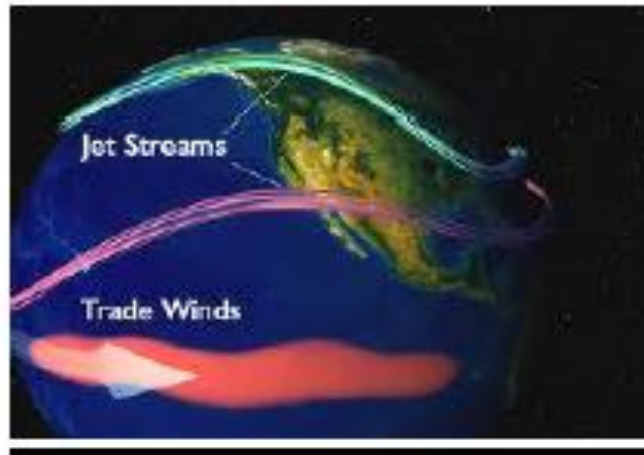
5.P.3.2

How are different materials affected by heating and cooling?



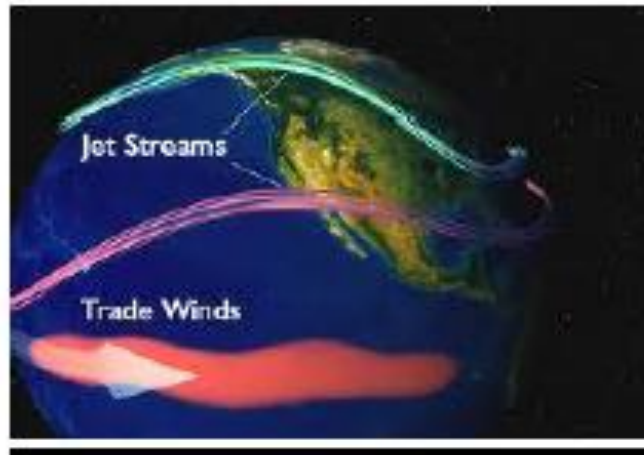
5.P.3.2

Why should materials' thermal properties be taken into account when considering an object for practical application?



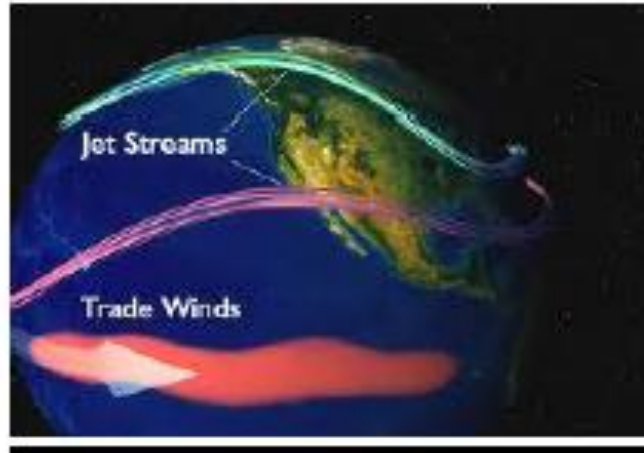
5.E.1.1

What major
variables affect
daily weather?



5.E.1.1

How does the
tilt of the Earth
affect seasons?



5.E.1.2

How is data used
to effectively
predict weather
patterns?



5.E.1.2

How can
identifying
clouds help us to
predict changes
in weather?



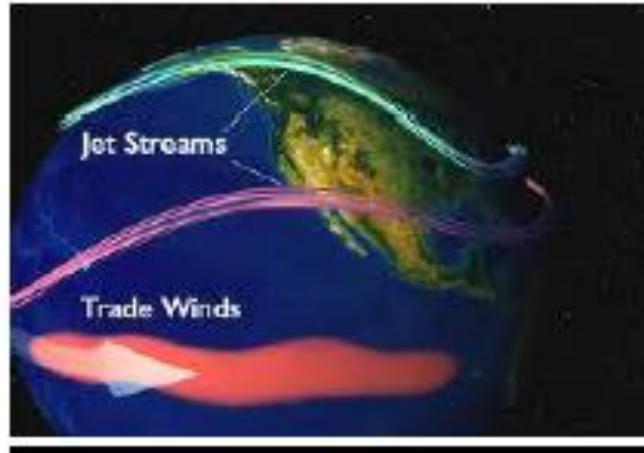
5.E.1.2

How can you use
data collected
from various
locations to
indicate frontal
positions?

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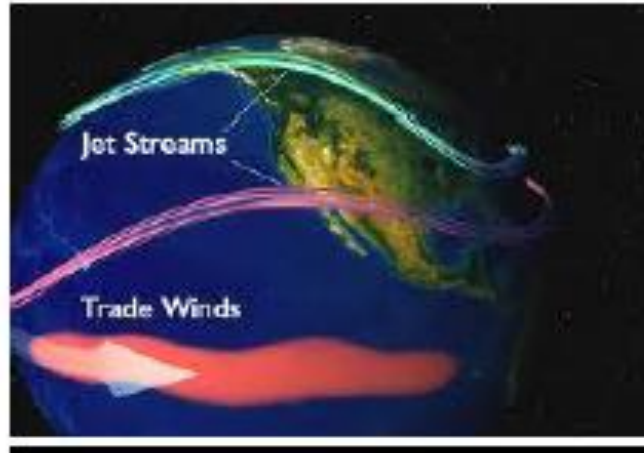
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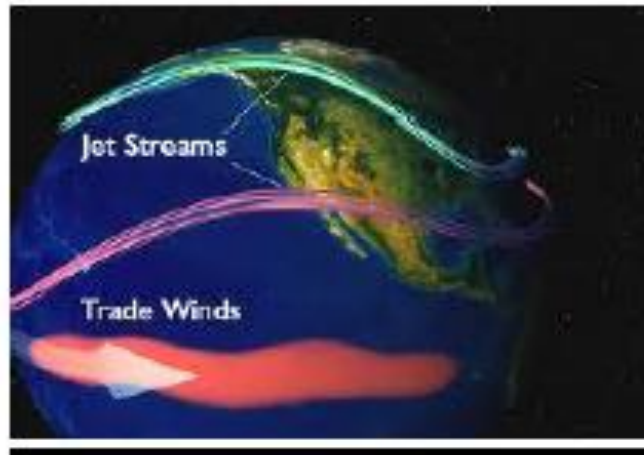
What
information is
gained from: a
thermometer, a
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wind vane, a rain gauge



5.E.1.3

What conditions
must be present
for a hurricane
to form?



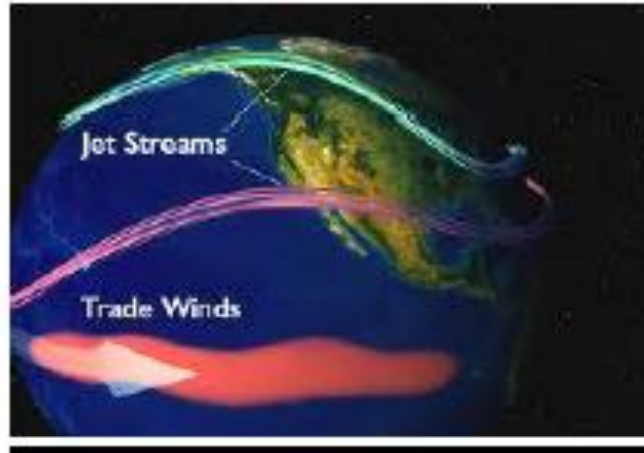
5.E.1.3

What influence
does the jet
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seasonal
patterns of
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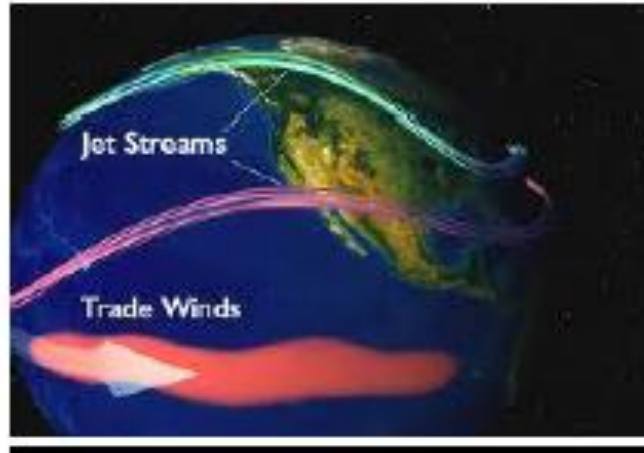
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5.E.1.3

What effect
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weather along
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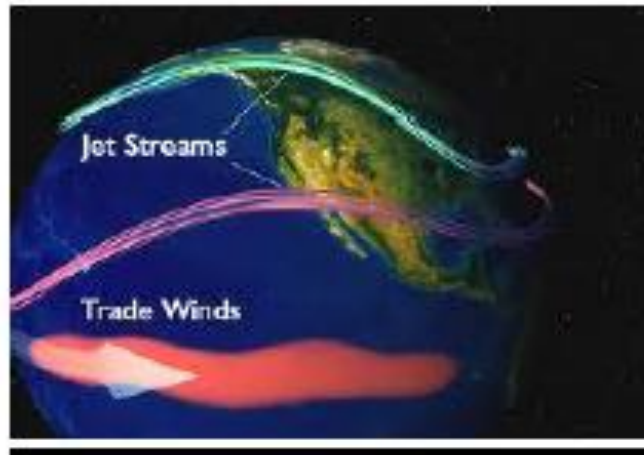
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What condition
has the greatest
impact on the
development of
the event known
as El Nino?



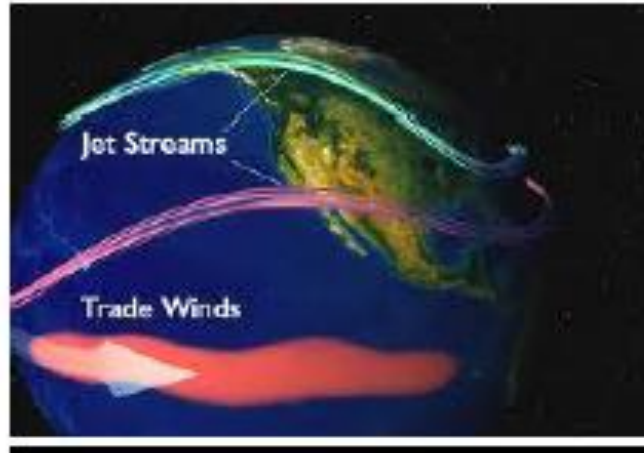
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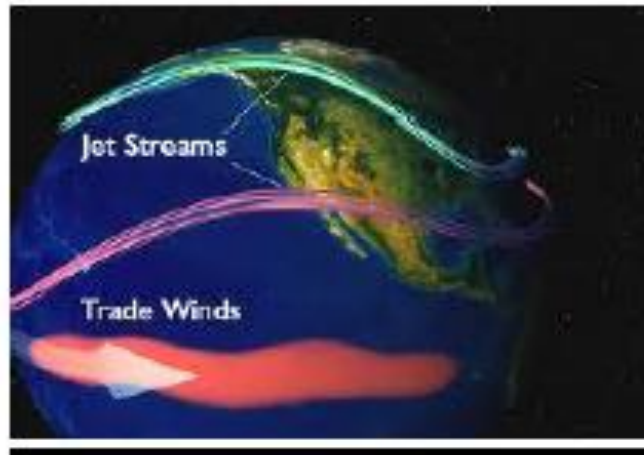
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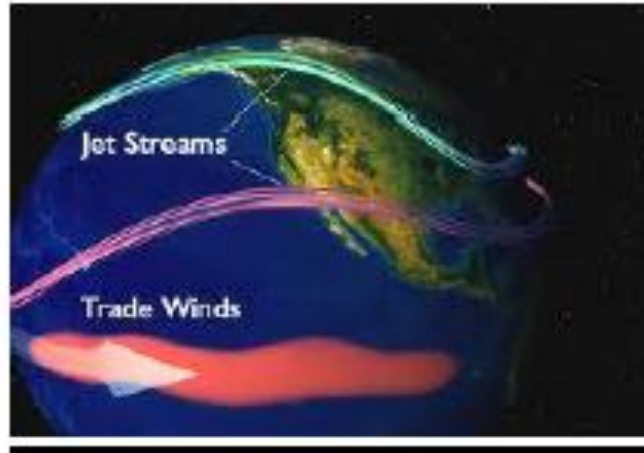
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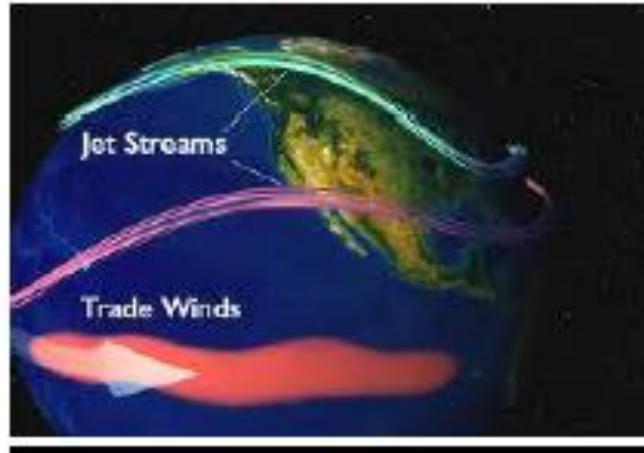
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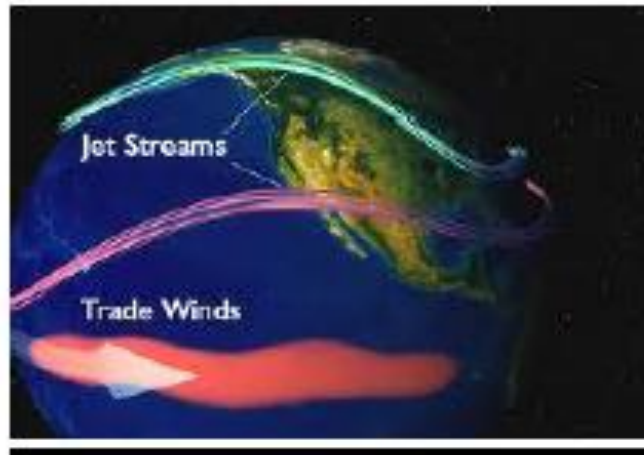
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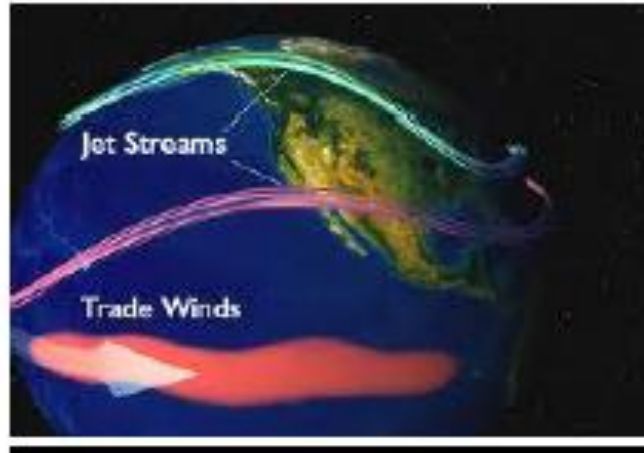
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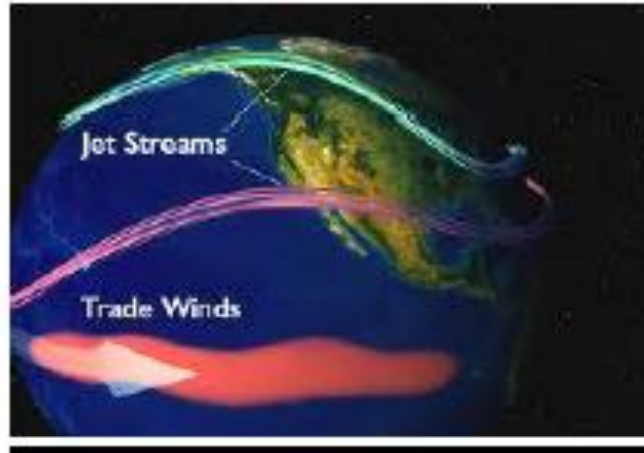
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What condition has the greatest impact on the development of the event known as El Niño?

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Plant & Animal Cells



5.L.3.2

Which
characteristics can
be inherited?

Plant & Animal Cells



5.L.3.2

Which
Characteristics are
influenced by
interaction with the
environment?