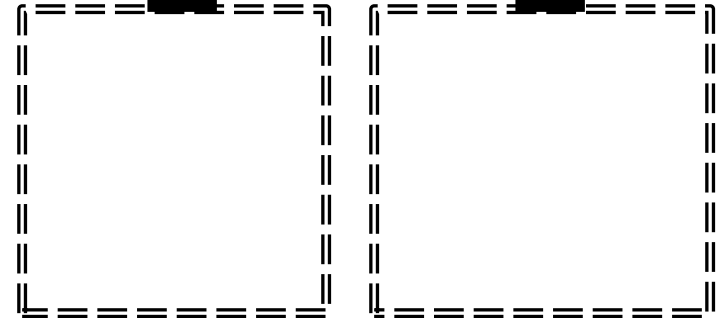
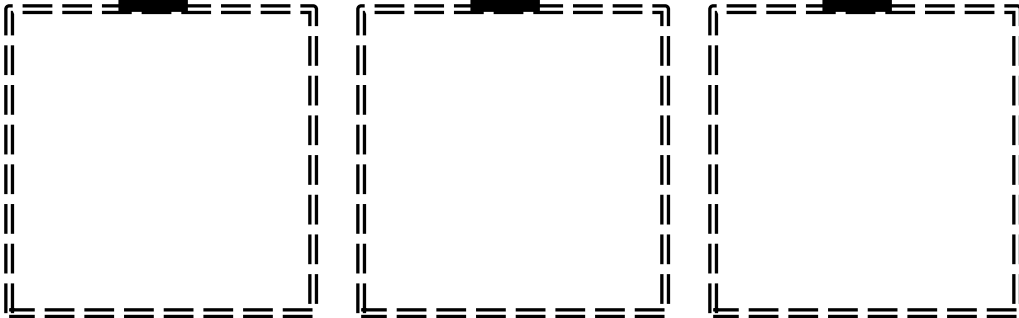
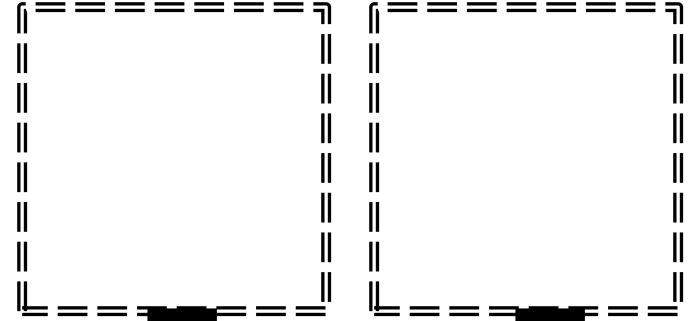
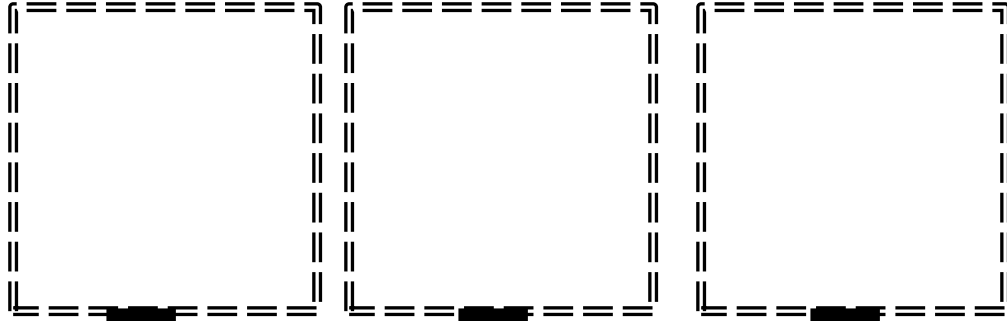


PHOTOSYNTHESIS SORT MAT

Reactants

→ Products



PHOTOSYNTHESIS SORT PIECES

**OXYGEN
(O₂)**

**absorbed
by
chlorophyll
in leaves**

**LIGHT
FROM THE
SUN**

**it enters
through the
roots**

**sugar
stored in
roots/trunk
as starch**

**it enters
through the
stomata in
leaves**

**WATER
(H₂O)**

**CARBON
DIXOIDE
(C₀2)**

**allows for
respiration
or leaves
through the
stomata**

**SUGAR OR
GLUCOSE
(FOOD)**



PHOTOSYNTHESIS SORT MAT

Reactants

→ Products

CARBON
DIOXIDE
(CO₂)

WATER
(H₂O)

LIGHT
FROM THE
SUN

SUGAR OR
GLUCOSE
(FOOD)

OXYGEN
(O₂)



it enters
through the
stomata in
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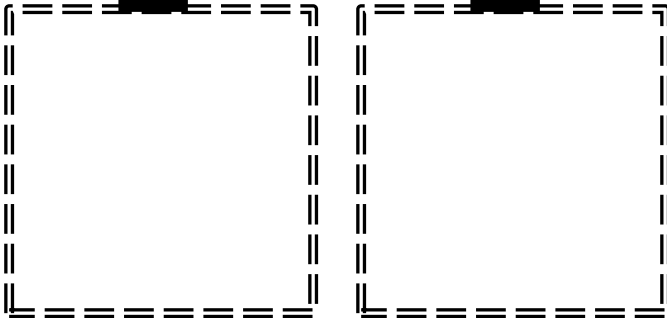
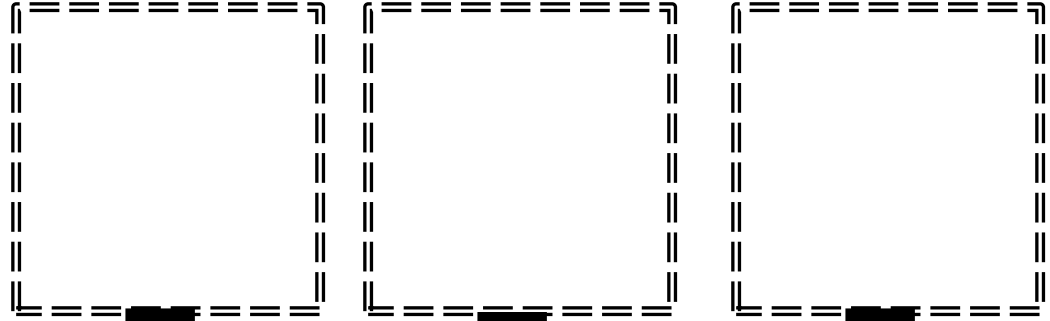
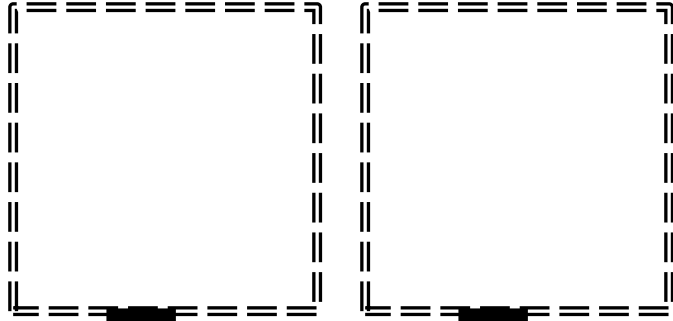
sugar
stored in
roots/trunk
as starch

allows for
respiration
or leaves
through the
stomata

RESPIRATION SORT MAT

Reactants

→ Products



RESPIRATION SORT PIECES

**SUGAR OR
GLUCOSE
(FOOD)**

taken into the
body during
respiration.
Plants make it
during
photosynthesis

**OXYGEN
(O₂)**

powers the
cell's daily
activities

sugar is
consumed by
eating plants
which make it
during
photosynthesis

**WATER
(H₂O)**

**CARBON
DIXOIDE
(C₀₂)**

Energy in the
form of ATP
Adenosine
Triphosphate

released as
sweat/urine in
animals. Or
reused by
plants

exhaled as
waste



RESPIRATION SORT MAT

Reactants

→ Products

SUGAR OR
GLUCOSE
(FOOD)

OXYGEN
(O₂)

WATER
(H₂O)

CARBON
DIOXIDE
(CO₂)

Energy in the
form of ATP
Adenosine
Triphosphate



sugar is
consumed by
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photosynthesis

taken into the
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Plants make it
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powers the
cell's daily
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