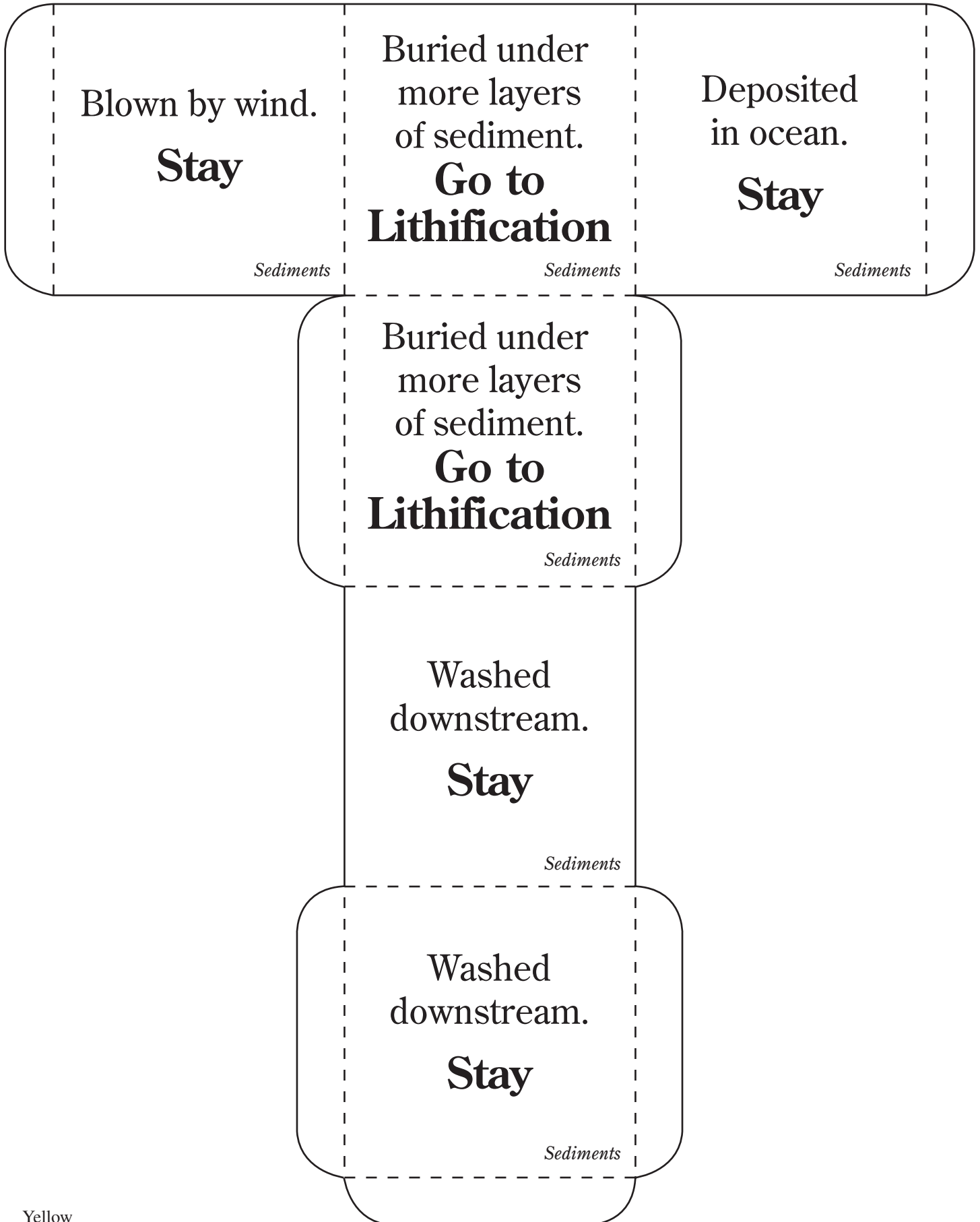


Rock Cycle Dice: Sediments



Yellow

Rock Cycle Dice: Lithification

Process of
compaction and
cementation
continues.

Stay

Lithification

Process of
compaction and
cementation
continues.

Stay

Lithification

Experience
great pressure.

**Go to
Sedimentary
Rocks**

Lithification

Process of
compaction and
cementation
continues.

Stay

Lithification

Experience
great pressure.

**Go to
Sedimentary
Rocks**

Lithification

Experience
great pressure.

**Go to
Sedimentary
Rocks**

Lithification

Rock Cycle Dice: Sedimentary Rocks

Exposed to
the surface.

**Go to
Weathering**

Sedimentary Rocks

Subduction
occurs.

**Go to
Melting**

Sedimentary Rocks

Exposed to
the surface.

**Go to
Weathering**

Sedimentary Rocks

Subduction
occurs.

**Go to
Melting**

Sedimentary Rocks

Buried under
more layers of
sediment.

**Go to
Metamorphism**

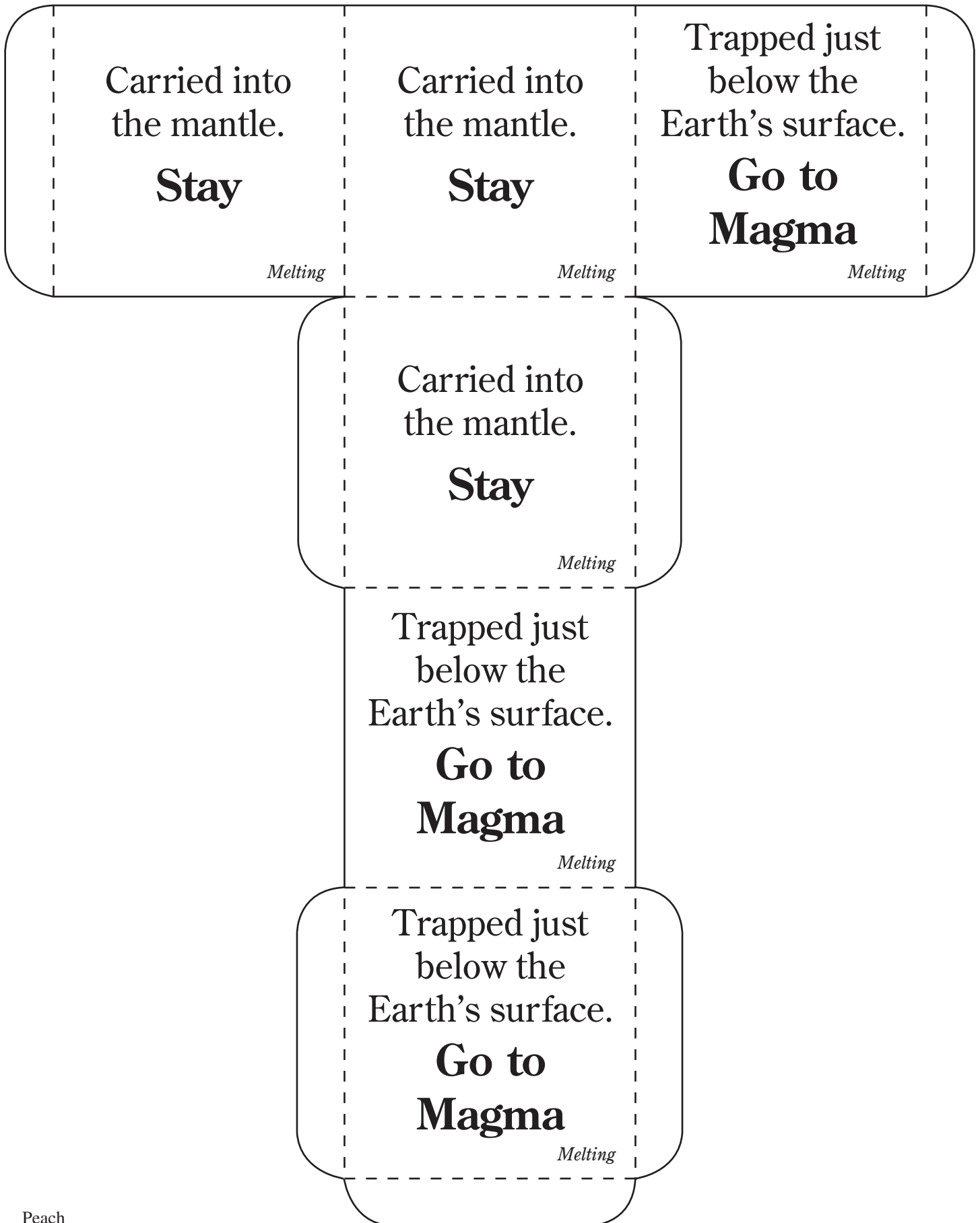
Sedimentary Rocks

Buried under
more layers of
sediment.

**Go to
Metamorphism**

Sedimentary Rocks

Rock Cycle Dice: Melting



Rock Cycle Dice: Magma

Slowly rise
toward the
Earth's surface.

**Go to
Cooling**

Magma

Erupt from
a volcano.

**Go to
Cooling**

Magma

Remain in a
pocket under
the surface.

Stay

Magma

Slowly rise
toward the
Earth's surface.

**Go to
Cooling**

Magma

Remain in a
pocket under
the surface.

Stay

Magma

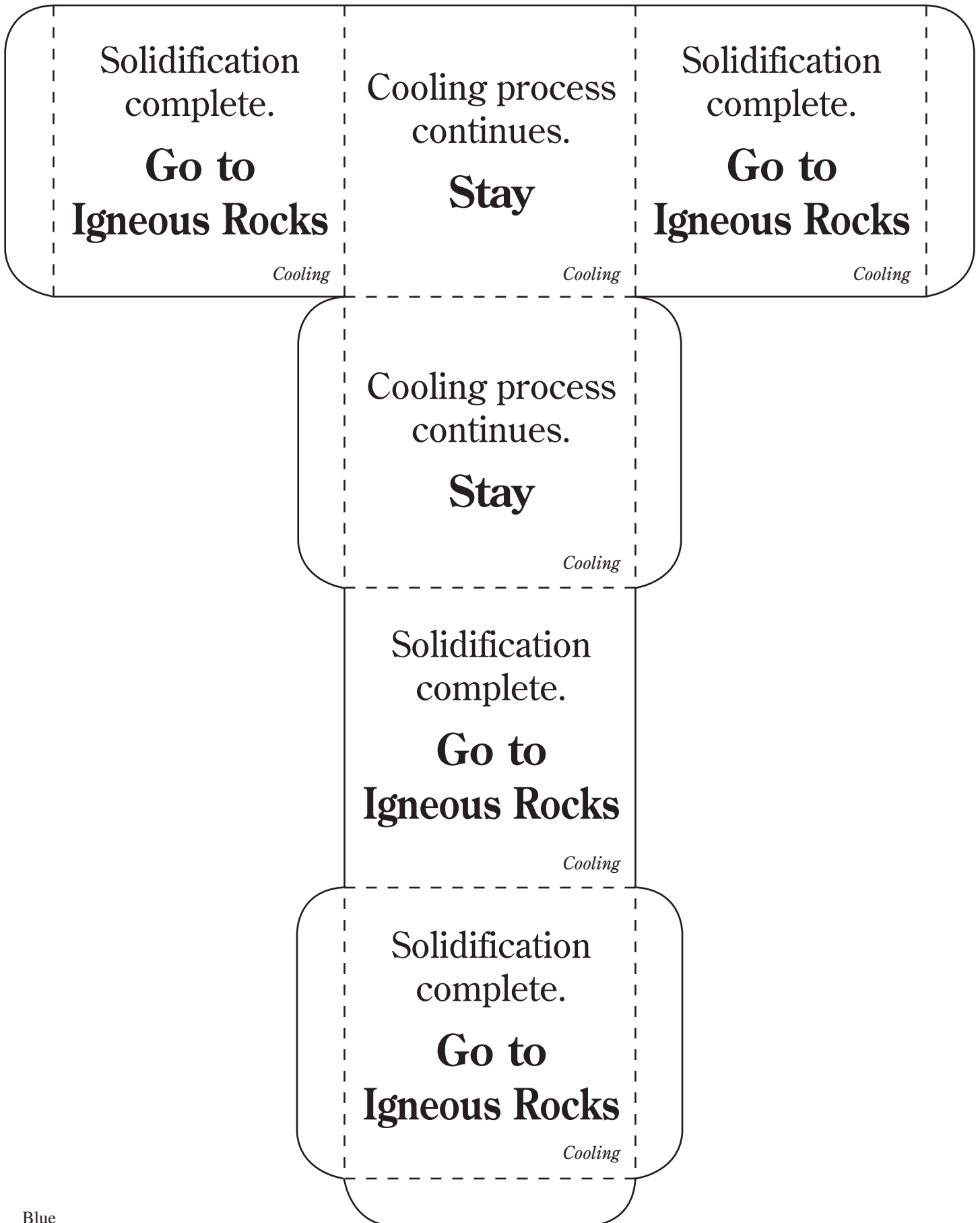
Remain in a
pocket under
the surface.

Stay

Magma

Pink

Rock Cycle Dice: Cooling



Blue

Rock Cycle Dice: Igneous Rocks

Environment
of great stress.

**Go to
Metamorphism**

Igneous Rocks

Subduction
occurs.

**Go to
Melting**

Igneous Rocks

Environment
of great stress.

**Go to
Metamorphism**

Igneous Rocks

Come in contact
with magma.

**Go to
Melting**

Igneous Rocks

Exposed to
surface.

**Go to
Weathering**

Igneous Rocks

Exposed to
surface.

**Go to
Weathering**

Igneous Rocks

Rock Cycle Dice: Metamorphism

Continue to
undergo heat
and pressure.

Stay

Metamorphism

Continue to
undergo heat
and pressure.

Stay

Metamorphism

Existing elements
recombine
and harden.

**Go to
Metamorphic
Rocks**

Metamorphism

Continue to
undergo heat
and pressure.

Stay

Metamorphism

Existing elements
recombine
and harden.

**Go to
Metamorphic
Rocks**

Metamorphism

Existing elements
recombine
and harden.

**Go to
Metamorphic
Rocks**

Metamorphism

Rock Cycle Dice: Metamorphic Rocks

Uplifted to
the surface.

**Go to
Weathering**

Metamorphic Rocks

Remain under
the Earth's
surface.

Stay

Metamorphic Rocks

Uplifted to
the surface.

**Go to
Weathering**

Metamorphic Rocks

Remain under
the Earth's
surface.

Stay

Metamorphic Rocks

Come in contact
with magma.

**Go to
Melting**

Metamorphic Rocks

Come in contact
with magma.

**Go to
Melting**

Metamorphic Rocks

Rock Cycle Dice: Weathering

Remain part
of rock.

Stay

Weathering

Remain part
of rock.

Stay

Weathering

Break apart
from rock.

**Go to
Sediments**

Weathering

Remain part
of rock.

Stay

Weathering

Break apart
from rock.

**Go to
Sediments**

Weathering

Break apart
from rock.

**Go to
Sediments**

Weathering

Blue