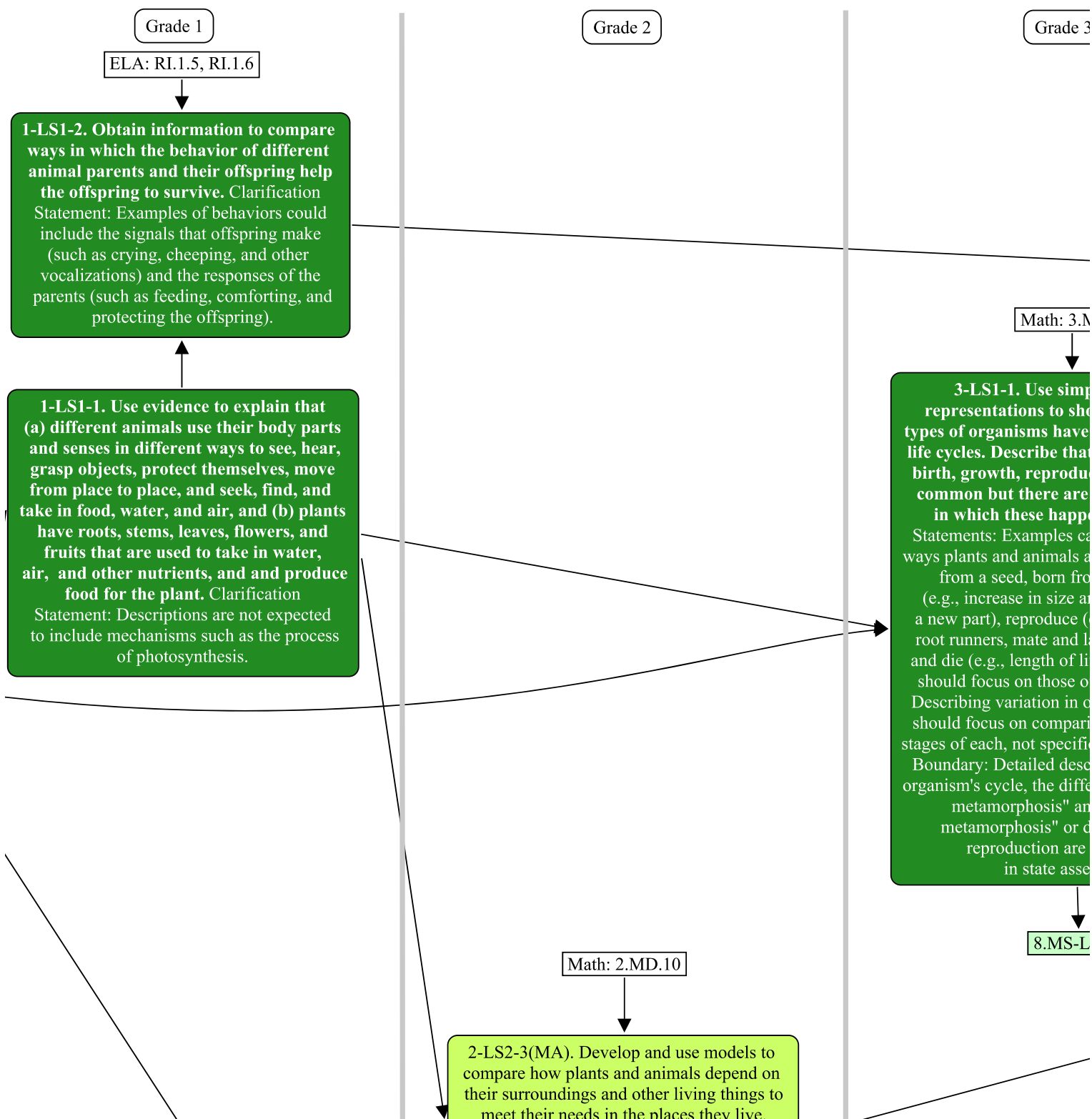


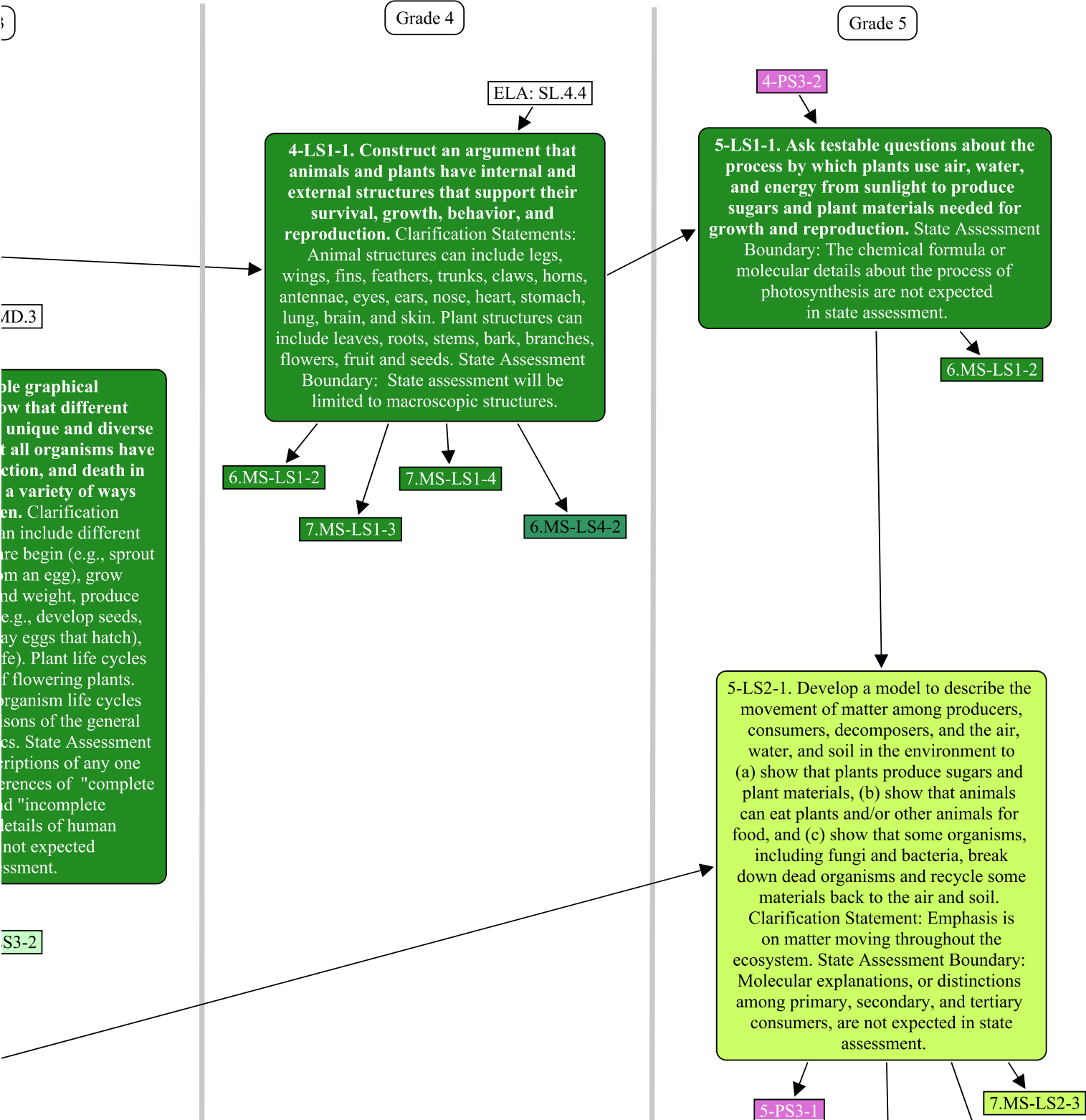
TE PreK-5 *Life Science* Strand Map (Appendix A)

Please direct comments, suggested edits, and questions to: mathsciencetech@doe.mass.edu.

The standards and strand maps are available at: www.doe.mass.edu/stem/review.html

(*) denotes integration of technology/engineering through a practice or core idea.





local environment of how animals and plants are dependent on one another to meet their basic needs.

ELA: SL.PK.1

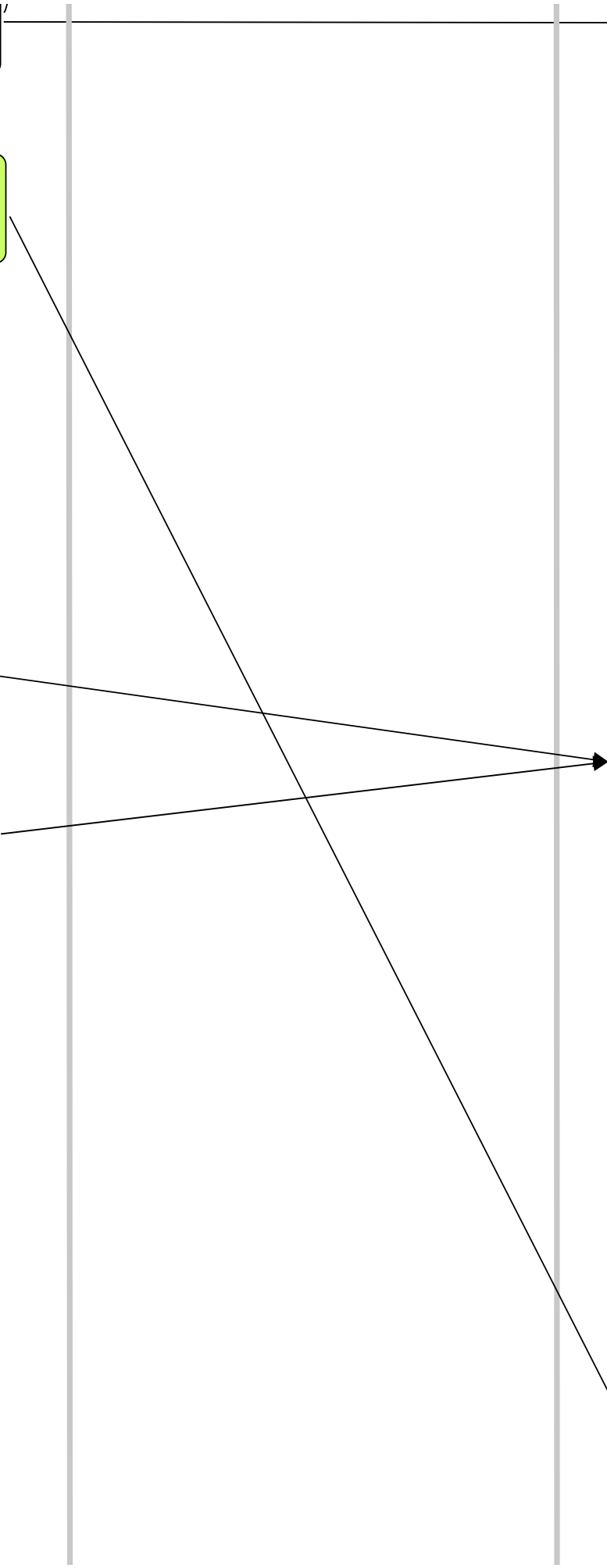
PreK-LS2-1(MA). Use evidence from animals and plants to define several characteristics of living things that distinguish them from non-living things.

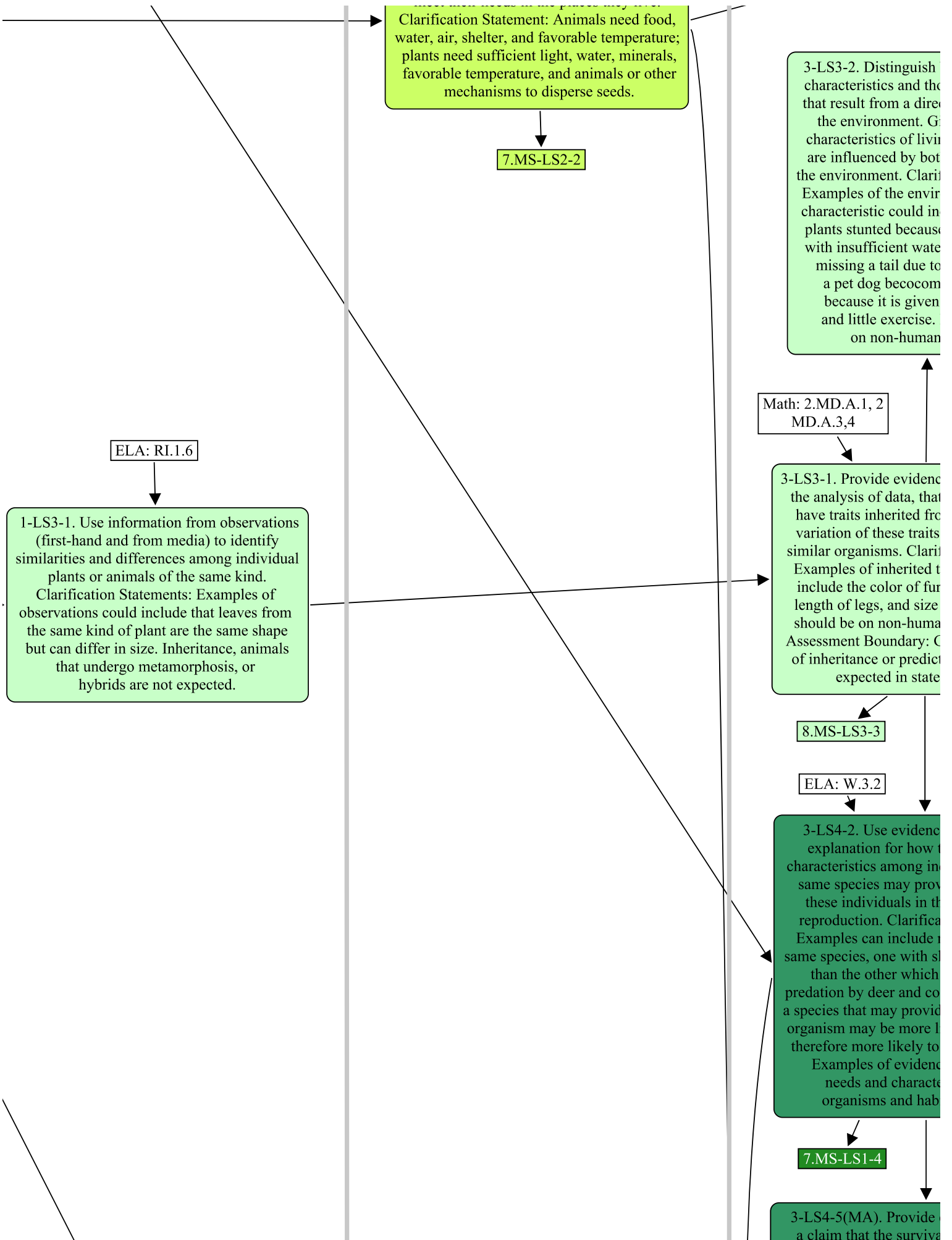
PreK-ESS2-1

**3:
Heredity:
Inheritance
and
Variation
of Traits**

PreK-LS3-2(MA). Use observations to recognize differences and similarities among themselves and their friends.

PreK-LS3-1(MA). Use observations to explain that young plants and animals are like but not exactly like their parents.
Clarification Statement: Examples of observations include puppies that look similar but not exactly the same as their parents.





between inherited
ose characteristics
ct interaction with
ive examples of
ng organisms that
h inheritance and
fication Statements:
onment affecting a
clude normally tall
e they were grown
er or light, a lizard
o a predator and,
ing overweight
too much food
Focus should be
examples.

8.MS-LS1-5

ce, including through
t plants and animals
om parents and that
exist in a group of
fication Statements:
raits that vary can
, shape of leaves,
of flowers. Focus
n examples. State
Genetic mechanisms
tion of traits are not
assessment.

8.MS-LS4-5

e to construct an
the variations in
dividuals within the
vide advantages to
their survival and
ation Statements:
rose bushes of the
lightly longer thorns
may prevent its
lor variation within
le advantages so one
likely to survive and
produce offspring.
ce could include
eristics of the
itats involved.

HS-LS4-2

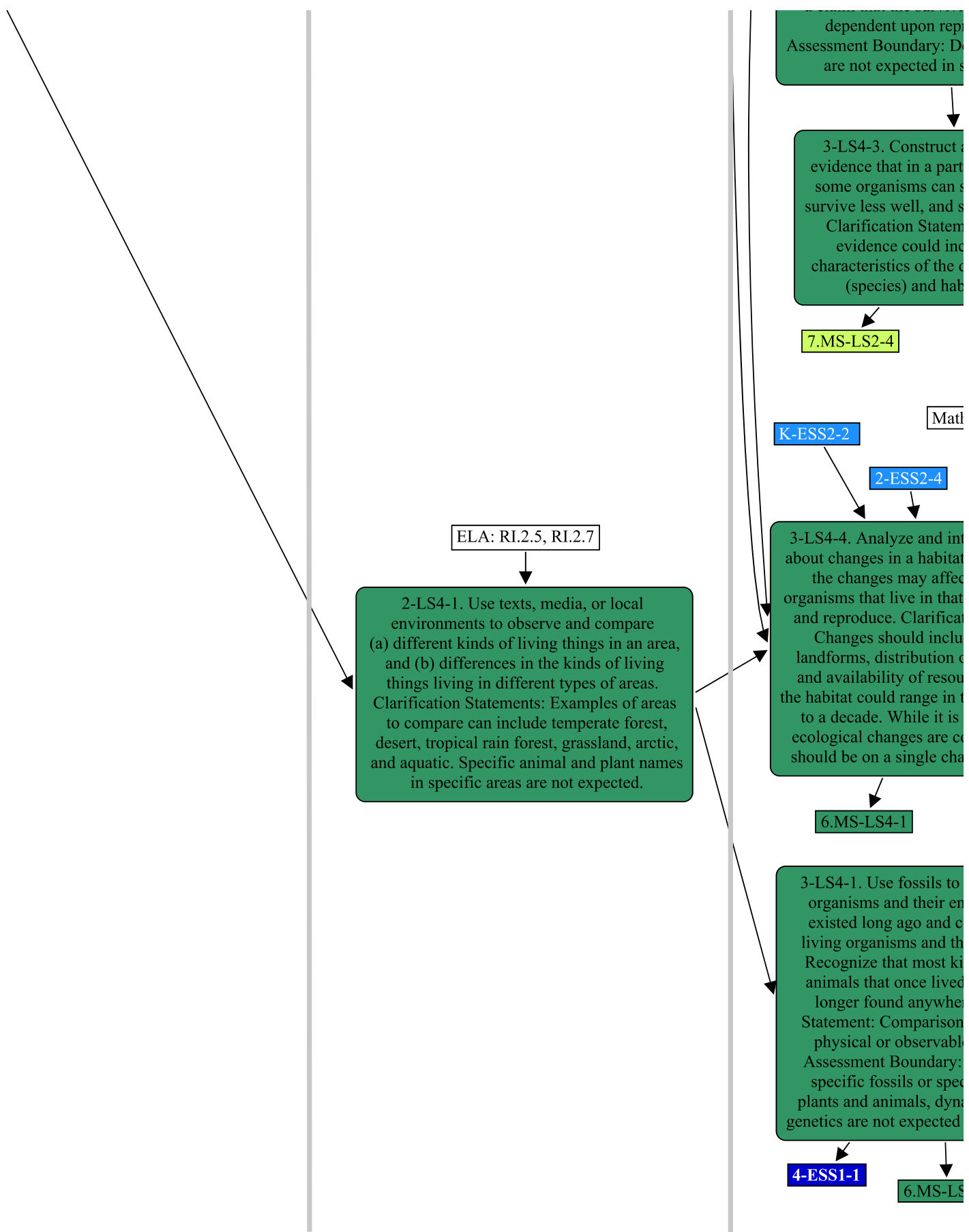
evidence to support
l of a population is

4.3-5-ETS1-5(MA)

7.MS-LS2-7(MA)

5-LS2-2(MA). Compare at least two designs for a composter to determine which is most likely to encourage decomposition of materials.* Clarification Statement: Measures or evidence of decomposition should be on qualitative descriptions or comparisons.

**4:
Biological
Evolution:
Unity
and
Diversity**



roduction. State details of reproduction state assessment.

an argument with particular environment survive well, some some cannot survive. ent: Examples of elude needs and different organisms itats involved.

8.MS-LS1-5

1: 3.MD.B.3

3-ESS2-2

terpret given data and describe how et the ability of habitat to survive tion Statements: de changes to of water, climate, rces. Changes in ime from a season understood that omplex, the focus ange to the habitat.

7.MS-LS2-1

describe types of environments that ompare those to eir environments. nds of plants and l on Earth are no re. Clarification s should focus on e features. State Identification of cific present-day amic processes, or in state assessment.

6.MS-LS4-2

34-1