At	The	Catamount	School,	we	follow	the
	NC	Course	of	Study	for	6
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8
	Science.
	Our	instruction	
incorporates	the	deliberate	and	explicit	teaching	of	science	and	engineering	practices	for	students	to

5.

Energy and matter: Flows, cycles, and conservation. Tracking Eluxes of energy and matter into,

out of, and w ithin systems helps on e understand the systems’ possibilities and limitations.

6.

Structure and functi on.

The way in which an ob ject or living thing is shaped and its

sub structure determine many of its prop erties and functions.

7.

Stability and change. For natural and built systems alike, conditions of sta bility and

determinants of rates of change or evolution of a system are critical elements of stu dy.

Science and Engineering

Practices

1.

Asking questions (for science) and deEining problems (for engineering)

2.

Developing and using models

3.

Planning and carrying out investigations