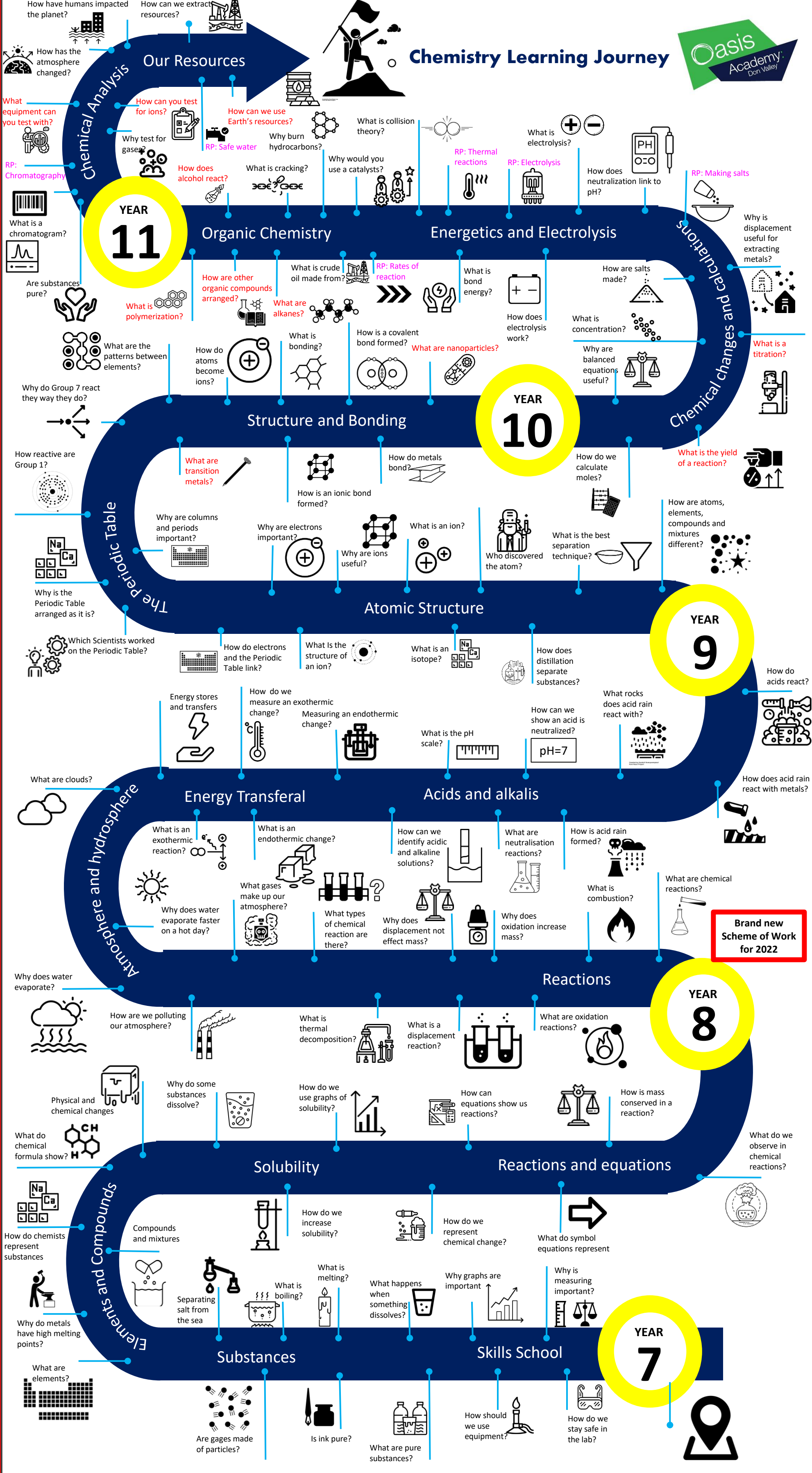


Big Question	Core concept(s)	End point
What are substances?	Substances	<p>Most materials are mixtures of substances.</p> <p>Materials made of single substances have distinct properties.</p>
What gives substances their properties?	Bonding	<p>All matter is made of atoms. The arrangement and bonding between atoms explains a substances properties. Bonding is the result of electrostatic attractions</p>
What is chemical change?	Chemical change	<p>In chemical reactions atoms are rearranged to form new substances. The new substances produced will have different properties from the substances they are formed from.</p> <p>Mass and energy are always conserved in chemical changes.</p>
How does chemistry affect our world?	Chemical Earth	<p>Substances can move within and between Earth's atmosphere, hydrosphere, geosphere and biosphere as part of large-scale Earth systems.</p> <p>Chemical substances produced by human activity are changing our planet.</p>
What is the Earth made of and how is it changing?	Dynamic Earth	<p>The structure of the earth is slowly changing. The Earth provides us with a rich source of resources</p>

Chemistry Learning Journey



YEAR 11

YEAR 10

YEAR 9

YEAR 8

YEAR 7

Brand new Scheme of Work for 2022