

## Homework delivery plan 2023-24– Autumn Term

### Subject: Science

Year 7 AUTUMN 1	Topic	Homework task for students	Feedback within lesson
WK1			
WK2			
WK3	Cells	<b>Create a mind map</b> from the information on the knowledge organiser.	
WK4	Cells	<b>Create 10 flash cards</b> from the information on the knowledge organiser – 1 question on the front and 1 answer on the back.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK5	Particles	<b>Transform</b> some of the information on the knowledge organiser into 2-3 labelled diagrams.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK6	Particles	<b>Create a 5-question quiz</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK7	Particles	<b>Create a glossary</b> choose 5 scientific words from the knowledge organiser and write the correct definitions into a list.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK8	Particles	<b>Read, cover, write &amp; check</b> – Read a section of the knowledge organiser, cover it up, write as much information as you can remember onto a blank piece of paper and the check to see what you missed. Repeat.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
AUTUMN 2			
WK9	Particles	<b>Create a mind map</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK10	Forces	<b>Create 10 flash cards</b> from the information on the knowledge organiser – 1 question on the front and 1 answer on the back.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK11	Forces	<b>Transform</b> some of the information on the knowledge organiser into 2-3 labelled diagrams.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK12	Forces	<b>Create a 5-question quiz</b> from the information on the knowledge organiser..	Connect tasks in lesson – 5 questions based around information from the knowledge organisers

<b>WK13</b>	Forces	<b>Create a glossary</b> choose 5 scientific words from the knowledge organiser and write the correct definitions into a list.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK14</b>	Reproduction	<b>Read, cover, write &amp; check</b> – Read a section of the knowledge organiser, cover it up, write as much information as you can remember onto a blank piece of paper and the check to see what you missed. Repeat.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK15</b>	Reproduction	<b>Create a mind map</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers

Year 8 AUTUMN 1	Knowledge organiser	Homework task for students	Feedback within lesson
WK1			
WK2			
WK3	Tissues & Organs	<b>Create a mind map</b> from the information on the knowledge organiser.	
WK4	Tissues & Organs	<b>Create 10 flash cards</b> from the information on the knowledge organiser – 1 question on the front and 1 answer on the back.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK5	Acids & Alkalis	<b>Transform</b> some of the information on the knowledge organiser into 2-3 labelled diagrams.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK6	Acids & Alkalis	<b>Create a 5-question quiz</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK7	Acids & Alkalis	<b>Create a glossary</b> choose 5 scientific words from the knowledge organiser and write the correct definitions into a list.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK8	Movement & Pressure	<b>Read, cover, write &amp; check</b> – Read a section of the knowledge organiser, cover it up, write as much information as you can remember onto a blank piece of paper and the check to see what you missed. Repeat.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
AUTUMN 2			
WK9	Movement & Pressure	<b>Create a mind map</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK10	Movement & Pressure	<b>Create 10 flash cards</b> from the information on the knowledge organiser – 1 question on the front and 1 answer on the back.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK11	Movement & Pressure	<b>Transform</b> some of the information on the knowledge organiser into 2-3 labelled diagrams.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK12	Repsiration & Photosynthesis	<b>Create a 5-question quiz</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK13	Repsiration & Photosynthesis	<b>Create a glossary</b> choose 5 scientific words from the knowledge organiser and write the correct definitions into a list.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers

<b>WK14</b>	Respiration & Photosynthesis	<b>Read, cover, write &amp; check</b> – Read a section of the knowledge organiser, cover it up, write as much information as you can remember onto a blank piece of paper and the check to see what you missed. Repeat.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK15</b>	Respiration & Photosynthesis	<b>Create a mind map</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers

Year 9 AUTUMN 1	Knowledge organiser	Homework task for students	Feedback within lesson
WK1			
WK2			
WK3	Cells	<b>Create a mind map</b> from the information on the knowledge organiser.	
WK4	Growth & Differentiation	<b>Create 10 flash cards</b> from the information on the knowledge organiser – 1 question on the front and 1 answer on the back.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK5	Growth & Differentiation	<b>Transform</b> some of the information on the knowledge organiser into 2-3 labelled diagrams.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK6	Introduction to the Periodic table	<b>Create a 5-question quiz</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK7	Introduction to the Periodic table	<b>Create a glossary</b> choose 5 scientific words from the knowledge organiser and write the correct definitions into a list.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK8	Introduction to the Periodic table	<b>Read, cover, write &amp; check</b> – Read a section of the knowledge organiser, cover it up, write as much information as you can remember onto a blank piece of paper and the check to see what you missed. Repeat.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
AUTUMN 2			
WK9	Introduction to the Periodic table	<b>Create a mind map</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK10	Acceleration	<b>Create 10 flash cards</b> from the information on the knowledge organiser – 1 question on the front and 1 answer on the back.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK11	Acceleration	<b>Transform</b> some of the information on the knowledge organiser into 2-3 labelled diagrams.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK12	Acceleration	<b>Create a 5-question quiz</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
WK13	Acceleration	<b>Create a glossary</b> choose 5 scientific words from the knowledge organiser and write the correct definitions into a list.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers

<b>WK14</b>	Acceleration	<b>Read, cover, write &amp; check</b> – Read a section of the knowledge organiser, cover it up, write as much information as you can remember onto a blank piece of paper and the check to see what you missed. Repeat.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK15</b>	Acceleration	<b>Create a mind map</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers

Year 10 AUTUMN 1	Knowledge organiser			Homework task for students	Feedback within lesson
	Bio	Chem	Phys		
<b>WK1</b>					
<b>WK2</b>					
<b>WK3</b>	Microscopes	States of matter	motion	<b>Create a mind map</b> from the information on the knowledge organiser.	
<b>WK4</b>	Plant and animal cells	Separation techniques	Forces and motion	<b>Create 10 flash cards</b> from the information on the knowledge organiser – 1	Connect tasks in lesson – 5 questions based around information from the knowledge organisers

				question on the front and 1 answer on the back.	
<b>WK5</b>	Specialised cells	Atomic structure	Forces and motion 2	<b>Transform</b> some of the information on the knowledge organiser into 2-3 labelled diagrams.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK6</b>	Enzymes	History of the atom	Forces and motion 3	<b>Create a 5-question quiz</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK7</b>	Enzyme activity	Periodic table structure	Forces and motion CP	<b>Create a glossary</b> choose 5 scientific words and write the correct definitions into a list.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK8</b>	Osmosis	Forming ions	Forces and motion CP	<b>Read, cover, write &amp; check</b> – Read a section of the knowledge organiser, cover it up, write as much information as you can remember onto a blank piece of paper and the check to see what you missed. Repeat.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>AUTUMN 2</b>					
<b>WK9</b>	Mitosis	Ionic bonding	Energy 1	<b>Create a mind map</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK10</b>	Growth in animals and plants	Draw covalent structures	Energy 2	<b>Create 10 flash cards</b> from the information on the knowledge organiser – 1 question on the front and 1 answer on the back.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK11</b>	The nervous system	Allotrope of carbon	Energy 3	<b>Transform</b> some of the information on the knowledge organiser into 2-3 labelled diagrams.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK12</b>	Neuro-Transmission speed	Metallic bonding	Energy 4	<b>Create a 5-question quiz</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK13</b>	Sexual and sexual reproduction	Acids 1	Waves 1	<b>Create a glossary</b> choose 5 scientific words and write the correct definitions into a list.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK14</b>	Meiosis	Acids 1	Waves 2	<b>Read, cover, write &amp; check</b> – Read a section of the knowledge organiser, cover it up, write as much information as you can	Connect tasks in lesson – 5 questions based around information from the knowledge organisers

				remember onto a blank piece of paper and the check to see what you missed. Repeat.	
<b>WK15</b>	DNA and DNA extraction	Acids 2	Waves 3	<b>Create a mind map</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers

Year 11 AUTUMN 1	Knowledge organiser			Homework task for students	Feedback within lesson
	Bio	Chem	Phys		
<b>WK1</b>					
<b>WK2</b>					
<b>WK3</b>	Cell structure	Separation techniques	Radiation	<b>Create a mind map</b> from the information on the knowledge organiser.	



<b>WK4</b>	Enzymes	Atomic structure	Radiation	<b>Create 10 flash cards</b> from the information on the knowledge organiser – 1 question on the front and 1 answer on the back.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK5</b>	Transporting substances	Ionic bonding	Radiation	<b>Transform</b> some of the information on the knowledge organiser into 2-3 labelled diagrams.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK6</b>	Mitosis	Covalent bonding	Radiation	<b>Create a 5-question quiz</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK7</b>	Growth in animals and plants	Allotropes of carbon	Energy, forces and their effects	<b>Create a glossary</b> choose 5 scientific words and write the correct definitions into a list.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK8</b>	Neuro-transmission Speed	Metallic bonding	Energy, forces and their effects	<b>Read, cover, write &amp; check</b> – Read a section of the knowledge organiser, cover it up, write as much information as you can remember onto a blank piece of paper and the check to see what you missed. Repeat.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>AUTUMN 2</b>					
<b>WK9</b>	Sexual and asexual reproduction	Acids 1	Circuits	<b>Create a mind map</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK10</b>	Meiosis	Acids 2	Circuits	<b>Create 10 flash cards</b> from the information on the knowledge organiser – 1 question on the front and 1 answer on the back.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK11</b>	DNA and DNA extraction	Electrolysis	Circuits	<b>Transform</b> some of the information on the knowledge organiser into 2-3 labelled diagrams.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK12</b>	Variation	Calculations	Circuits	<b>Create a 5-question quiz</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK13</b>	Theory for evolution	Obtaining materials	Circuits	<b>Create a glossary</b> choose 5 scientific words and write the correct definitions into a list.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers
<b>WK14</b>	GM	Electrolysis	Circuits	<b>Read, cover, write &amp; check</b> – Read a section of the	Connect tasks in lesson – 5 questions based around

				knowledge organiser, cover it up, write as much information as you can remember onto a blank piece of paper and the check to see what you missed. Repeat.	information from the knowledge organisers
<b>WK15</b>	Health and disease	Transition metals – Separate only	Circuits	<b>Create a mind map</b> from the information on the knowledge organiser.	Connect tasks in lesson – 5 questions based around information from the knowledge organisers