

Science Scope and Sequence - IPC

Term: 1st Nine Weeks

Taught	Term	TAKS Obj	Curriculum Sequence TEKS/SE and Alignment Objectives		Inst. Level	TAKS
	1	1	IPC 1A	Demonstrate safe practices during field and laboratory investigations. Same SE as Bio 1A	MT	T10 T11
	1		IPC 1B	Make wise choices in the use and conservation of resources and the disposal or recycling of materials.	M	
	1	1	IPC 2A	Plan and implement investigative procedures including asking questions, formulating testable hypotheses, and selecting equipment and technology. Same SE as Bio 2A	MT	T10 T11
	1	1	IPC 2B	Collect data and make measurements with precision. Same SE as Bio 2B	MT	T10 T11
	1	1	IPC 2C	Organize, analyze, evaluate, make inferences, and predict trends from data. Same SE as Bio 2C	MT	T10 T11
	1	1	IPC 2D	Communicate valid conclusions. Same SE as Bio 2D	MT	T10 T11
	1	1	IPC 3A	Analyze, review, [and critique] scientific explanations, including hypotheses and theories, as to their strengths and weaknesses using scientific evidence and information.	MT	T10 T11
	1	1	IPC 3B	Draw inferences based on data related to [promotional materials for] products and services.	MT	T10 T11
	1		IPC 3C	Evaluate the impact of research on scientific thought, society, and the environment.	IDM	
	1		IPC 3D	Describe connections between physics and chemistry, and future careers.	IDM	
	1		IPC 3E	Research and describe the history of physics, chemistry, and contributions of scientists.	IDM	
	1	4	IPC 7A	Investigate and identify properties of fluids including density, viscosity, and buoyancy.	DMT	T10 T11
	1		IPC 7B	Research and describe the historical development of the atomic theory.	IDM	
	1	4	IPC 7E	Classify samples of matter from everyday life as being elements, compounds, or mixtures.	IDM T	T10
	1	4	IPC 7D	Relate the chemical behavior of an element including bonding, to its placement on the periodic table.	DMT	T11

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			Key		
			I = Introduced -- the objective is introduced to the student		
			T = Taught --the objective is presented		
			D = Developed -- the objective is developed through specific activities		
			M = Mastered -- the objective is mastered at this grade		
			T10 = Tested on the 10th Grade TAKS Test		
			T11 = Tested on the 11th Grade TAKS Test		