# Flinn Scientific POGIL™ Activity Isotopes

Are all around of an element alifee?

#### Why?

The following activity will help you learn the important societies characteristics of an arom. How do we classify aroms? How does the combination of substancial particles affect the seast and charge of an arom? What are introposit This is just a sampling of what we will address. Throughout this activity you will want to keep both Model 1 and a periodic pible handy.

#### Model 1

	Isotopes of	Hydrogen	
Symbol	ŞFS.	[ Pi	†14
Atomic Diagram with Nisme	Hydrogen-	Hydrogue 2	Physicogra 3
Number of Persons O	1 1	í	1
Number of Nepurous O	0	7	2
10- at	Isotopes o		
Symbol	320	12C	'ic
Amaic Diagram with Name	Cubea-12	Carbon U	Carbon-; i
Number of Protects • •	6		60
Number of Neurooss O	6	7	. 8
	Isotopes of	Magnesium	
Symbol	gws.	Swig	"Pvis
Anomic Diagram with Name	Magnetium-24	Niagnerium-25	Magassium-26
Number of Pennons •	12.	12	12
Number of Neutrons O	12	1.5	. 74

# **Pogil Isotopes Answer Key**

F Rizvi



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