

STR Comparison Chart for Education Kits

Kit Elements		Notes	Basic Kit	Economy Kit	Elementary Kit	Perfect Kit	Lab Kit
Lenses	1-10x	Most versatile lens; used as regular camera lens for live video and stills; close up views of specimens up to 20x, and for documents and presentations		●	●	●	●
	30x	View a specimen by just touching it with lens tip; has polarizing view for glare reduction, non-contact tip feature					
	50x	Most popular lens for viewing, just touch the lens to the specimen; easy focus, non-contact tip feature	●	●	●	●	●
	100x	Great magnified view with more detail, see pollen, sand, salt, and structure			●	●	
	200x	Great for viewing close up, prepared slides, micro-organisms in water, hand held or with slide stage and lamp				●	●
	400x	Mainly for prepared slides, micro- organisms, cell biology, and flat surfaces					●
	Mic Adapt/Cmount	Allows attachment of the camera to a traditional microscope for video out and still/video image capture					
Accessories	Stand	The telescoping stand was designed for these scopes and is the most versatile. Any camera tripod can be also be used. Important for use showing documents, hand view use, and time lapse.		tripod	telescoping	telescoping	telescoping
	Soft Case	Holds camera, lenses and small accessories. 8"x6"x5"approximate		●			
	Hard Case	Small case holds camera, lenses, stand, small accessories. Large also holds lamp set.			small	large	large
	Coll & Display Set	For collecting and viewing plants, animals, soil & sediments, both aquatic and terrestrial		6 piece	10 piece	10 piece	10 piece
	Teacher Resource CD	Lesson planning resources for grades K - 12 in all science subject areas.		●	●	●	●
	Lamp Set	Folding lamp with light blocker for viewing slides, micro-organisms				●	●
	Stage Adaptor	For viewing slides and water samples at 100-400x, this adaptor attaches to camera providing a stable platform with stage clips and a focus knob.				●	●
Grade Level (suggested)	K-2	1x and 50x lenses most important, so Economy Kit is best, Elementary Kit is also good. Basic Kit is good entry level. Lenses/accessories can be added.	Good	Best	Good		
	K-6	Elementary Kit is great for science standards up to grade 6. Basic and Economy Kits also good as starters. Lenses/accessories can be added later.	Good	Good	Best		
	6 to 8	Perfect Kit allows widest range of use for most science content. Elementary Kit is very good as a starter. More lenses can be added.			Good	Best	Good
	7 to 12	Lab Kit allows greatest viewing range for micro-organisms, slides, cell biology and everything else. Or Elementary Kit as a starter.				Good	Best
Camera Use	Document Camera	Show textbook pages, images, or other documents		●	●	●	●
	Presentation Camera	Give students a close-up view of demonstrations and experiments		●	●	●	●
	Touch & View	Simple, easy; just touch and observe live video and explore	●	●	●	●	●
	Stand View	For document viewing, presentations, hands free viewing, and doing time lapse movie capture		w/tripod	●	●	●
	Slide View	Just touch a slide on white paper, or use the stage adaptor and lamp for best results				●	●
	Microscope View	Attach the adaptor to your traditional microscope to display the image, capture stills, or do time lapse. Great to demonstrate what students should be seeing on their microscopes.	Add Microscope adaptor with Cmount				