

# STELR Essential Renewable Energy Equipment Pack 2018

STELR Renewable Energy **Class Set** consists of **10** student kits and **two** teacher kits of equipment that are specifically designed to allow students to complete STELR Renewable Energy activities that are provided on the **STELR USB** and also in the **teacher book** and **student book**.

The contents of **one** STELR Essential Renewable Energy Student kit and **one** STELR Essential Renewable Energy Teacher kit are listed here. Images of the equipment are shown over the page.

We recommend that **six STELR high velocity fans are purchased** for each class set.

The **STELR DVD: Global Warming Cold Facts Hot Science** can be used as a stimulus for your students.

Teacher professional learning sessions are a key element of the STELR program. See the STELR website or contact us for further details.

The STELR Project is an initiative of the Australian Academy of Technology and Engineering (ATSE).

One STELR Essential Renewable Energy <b>Teacher</b> Kit		One STELR Essential Renewable Energy <b>Student</b> Kit	
Hand crank generator base	1	Solar cell panel	1
Pelton wheel assembly	1	Test rig module	1
Clear vinyl hose	1	Lamp (12V, 25W)	2
Spare generator belt	3	Wind turbine generator	1
Vial of spare lamps	1	Clamping hub	2
Jumping cup	10	150mm wind blade	1 set (15)
'Cotton reel' racer	8	100mm wind blade	1 set (15)
		75mm wind blade	1 set (15)
		Battery power source	2

## STELR Essential Renewable Energy Order Form

Send completed order form to [STELR.Admin@atse.org.au](mailto:STELR.Admin@atse.org.au)

For inquiries and further information contact: **Pennie Stoyles +61 3 9864 0905**

School/Organisation details	
School Name	
School Address	
Phone	
Contact person	
Contact phone	
Purchase Order no.	

\* You will be invoiced when the delivery cost is known.

### ATSE STELR Project

Level 6 / 436 St Kilda Rd, Melbourne.

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[www.stelr.org.au](http://www.stelr.org.au)

Product	Price/unit (ex GST)	Count	Sub-Total (ex GST)
STELR ERE student kit	\$280		
STELR ERE teacher kit	\$140		
STELR ERE class set (10 student and 2 teacher kits)	\$3000		
STELR Fan (high velocity)	\$70		
STELR RE student book	\$3		
STELR RE teacher book	\$25		
STELR RE USB	\$10		
STELR Global Warming DVD	\$10		
STELR RE Curriculum set: 114x student books 2x teacher books 1x Global Warming DVD 1x STELR RE USB	\$325		
Delivery*			
Total			

# STELR Essential Renewable Energy Equipment Items



Test rig module



Solar cell panel



Lamp



3V battery pack



Wind turbine generator



Clamping hub



Turbine blades



Fan



Hand-crank generator base



Pelton wheel



Cotton reel racer



Jumping cup