



16th Annual  
Hawker Brownlow  
**Thinking &  
Learning**  
Conference

*the teacher's conference*

**TODD STANLEY**

**SATURDAY 18 MAY**  
**Session 2**

**What Does Problem-Based Learning  
Look Like in the Authentic Classroom?**

**MELBOURNE**

# TODD STANLEY

Todd Stanley, a US National Board Certified Teacher, has been a classroom teacher for the past 13 years in a myriad of positions. He spent the first five years of his career compacting gifted curriculum in a junior high school program called Horizons. The next three years were as a facilitator at the Christopher Program, a project-based, interdisciplinary program for Year 11 and Year 12 students from around central Ohio. He then created the Ivy Program, a gifted pull-out for Year 3 and Year 4 students. Todd also travelled around the state of Ohio for the Literacy Curriculum Alignment Program, training school staffs on how to write short-cycle assessments and align their curriculum.



---

## A message from Hawker Brownlow Education

We hope that you have found these conference papers and the accompanying sessions useful. Please be aware that the contents of these papers are the intellectual property of the speaker and no reproduction for any purpose is authorised. We urge you to take care of this booklet. Replacement copies will not be made available either during or after this conference.

Published in Australia by



This handout was created by Hawker Brownlow Education for the proceedings of the Hawker Brownlow 16<sup>th</sup> Annual Thinking & Learning Conference. All rights are reserved by Hawker Brownlow Education. It is a violation of copyright law to duplicate or distribute copies of this handout by any means for any purposes without prior permission in writing from Hawker Brownlow Education. Professors and workshop presenters must first secure written permission for any duplication rights. For copyright questions, permission requests, or information regarding professional development contact:

Hawker Brownlow Education  
P.O. Box 580, Moorabbin, Victoria 3189, Australia  
Phone: (03) 8558 2444 Fax: (03) 8558 2400  
Website: [www.hbe.com.au](http://www.hbe.com.au)  
Email: [orders@hbe.com.au](mailto:orders@hbe.com.au)

© 2019 Hawker Brownlow Education  
Printed in Australia

CODE: TSY0302  
0519

## Problem-Based Learning

Take a couple of subject-based learning activities and see if you can turn them into problem-based activities.

Constraints:

- Must be a real-life problem
- Should be multiple ways to solve it
- What would the product of mastery be?
- Determine how to assess mastery

Lesson Plan

Subject-based Learning Activity: \_\_\_\_\_

\_\_\_\_\_

Case-based Learning Activity: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Learning Goal(s): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

How will you break the lesson into a...

Beginning: \_\_\_\_\_

\_\_\_\_\_

Middle: \_\_\_\_\_

\_\_\_\_\_

End: \_\_\_\_\_

\_\_\_\_\_

What materials will be needed for the lesson? \_\_\_\_\_

\_\_\_\_\_

How will you assess mastery of what was taught? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Steps to Problem-Based Learning

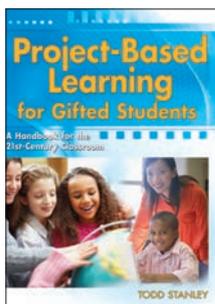
- 1) Present the problem
- 2) List what is known
- 3) Develop a problem statement
- 4) List what is needed
- 5) List actions, solutions, or hypothesis
- 6) Present and support the solution



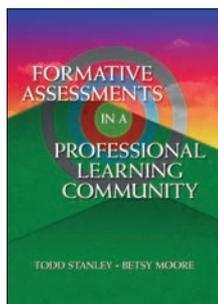


## Available from Hawker Brownlow Education

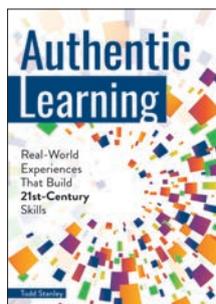
Qty	Code	Title	Price
	PRU4346	10 Projects for the PBL Classroom: English	\$32.95
	PRU4353	10 Projects for the PBL Classroom: Maths	\$32.95
	PRU4360	10 Projects for the PBL Classroom: Science	\$32.95
	PRU6716	Authentic Learning: Real-World Experiences that Build 21st-Century Skills	\$35.95
	EYE9928	Formative Assessments in a Professional Learning Community	\$37.95
	PRU7132	Project-Based Learning for Gifted Students: A Handbook for the 21st-Century Classroom	\$39.95
	PRU6883	When Smart Kids Underachieve in School: Practical Solutions for Teachers	\$29.95
Total (plus freight) \$			



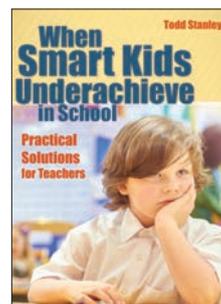
PRU7132



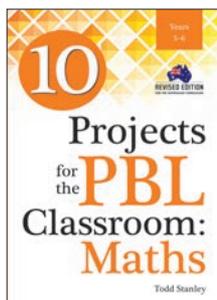
EYE9928



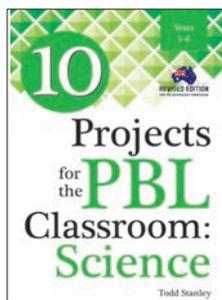
PRU6716



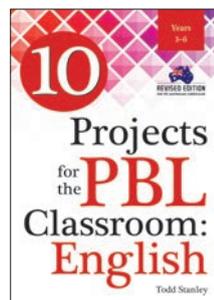
PRU6883



PRU4353



PRU4360



PRU4346

Attention ..... Order Number .....

Name of School.....

Address .....

..... State .....P/Code.....

Country .....

Email:.....

Yes, I would like to receive emails from Hawker Brownlow Education about future workshops, conferences and the latest publications.

### TERMS OF TRADE

- Prices are quoted in Australian dollars (\$AUD) and include GST
- All prices are subject to change without notice.
- Full money-back guarantee.
- We do realise it is difficult to order sight unseen. To assist you in your selection, please visit our website <www.hbe.com.au>. Go to 'Browse Books' and most titles will give you the option to view the first few pages of the book. Click 'View Contents' on your selected book page.
- We will supply our books on approval, and if they do not suit your requirements we will accept undamaged returns for full credit or refund. Posters are for firm sale only and will not be sent on approval. Please be aware that delivery and return postage is the responsibility of the customer.
- Freight costs are determined at Australia Post rates, with a minimum delivery charge of \$9.50 within Australia and \$15.00 for New Zealand for each order.
- Please provide your street address for delivery purposes.

To place an order or to find out more about our resources visit

**[www.hbe.com.au](http://www.hbe.com.au)**

Do you want to know all about the latest professional development events in your area? Be the first to find out about new releases from world-renowned and local authors with the HBE e-newsletter! Upcoming titles will feature authentic assessment and digital media, along with a strong focus on success in mathematics and literacy. Sign up to our FREE e-newsletter at [www.hbe.com.au](http://www.hbe.com.au).

**Online 'On Account' ordering now available!**

If you have a pre-existing account with Hawker Brownlow Education, you can now order online and pay using that account.