

**ARTICLE** 

# Positive education: Learning and teaching for wellbeing and academic mastery

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Abstract: Over the past decade, positive education has emerged as a rapidly growing arm of positive psychology that has attracted both interest and critique. Through a case study, we show that positive education can positively impact students, teachers, and others within the educational community, but success is not immediate nor imminent. We suggest that successful positive education programs blend evidence-based learning from the science of positive psychology, best practices in learning and teaching, whole school strategy, and evaluation, and consider pedagogy, philosophical assumptions, and the school's culture. Positive education must be studied, applied, and managed responsibly, as there is also potential that attempts are ineffective or do harm. Finally, we consider implications for training, teaching, and professional practice. Positive education has made significant progress, but future research and application will benefit from a unified theoretical framework that adequately incorporates educational knowledge and pedagogical practice.

**Keywords:** positive education, positive psychology, wellbeing science, professional practice, culture change, critical perspective

## 1. Introduction

Over the past two decades, there has been exponential growth in the research and practice of positive psychology across a range of fields, including organizations, healthcare, and public policy, following the publication of Seligman and Csikszentmihalyi's (2000) introduction to the field. The application to education – positive education – has attracted considerable attention from researchers, practitioners, and policymakers. For example, a growing number of schools have adopted a scientific approach to wellbeing (McCallum & Price, 2010; McCallum & Price, 2012; McCallum & Price, 2015; McCallum & Price, 2017; Rusk & Waters, 2013; Rusk & Waters 2015; Seligman, 2011; Seligman, Ernst, Gillham, Reivich, & Linkins, 2009; Slemp et al., 2017; Waters, 2011; White & Murray, 2015; White et al., 2017;). Training programs are available around the world. Research, application, and advocacy is further supported through national and international organizations such as the International Positive Psychology Association's education division (<a href="www.ippanetwork.org/divisions/education">www.ippanetwork.org/divisions/education</a>), the Positive Education Schools Association (<a href="www.ippanetwork.org/divisions/education">www.ippanetwork.org/divisions/education</a>) and the International Positive Education Network (<a href="www.ippanetwork.com">www.ippanetwork.com</a>).

While this growth is promising, it has also been met with various critiques, both within academia (e.g., Ciarrochi, Atkins, Hayes, Sahdra & Parker, 2016; Kristjánsson, 2012; Suissa, 2008; White, 2016) and beyond. Rhetoric can run ahead of the science, and the growing number of available programs, while providing important resources to schools, can also cause





confusion as to which ones should or should not be followed. From our experience, as schools juggle the many demands of curriculum, time, and resources, positive education is often conceived as a specific program which requires school leaders to choose between education for academic success *or* for wellbeing.

As teachers, schools, and educational systems consider the ideas of positive education, it is essential to recognize the role of pedagogical practice. For example, critical interrogation is needed around: the cacophony of unaccredited wellbeing trainers and self-styled wellbeing centres, returns on time and investment, the choice of educational programs within the schools, and understanding the relationship between wellbeing and academic mastery. Importantly, activity is not the same as *impact*. When done well, positive education has the potential to profoundly shape and impact the lives of future generations. But if pedagogy is ignored, then positive education will become yet another failed change initiative. We argue that the time has come for the discourse on the *pedagogy* of positive education to become more sophisticated, with emphasis on educating the whole person – learning and teaching for wellbeing *and* academic mastery.

In this article, we first briefly revisit what positive education is and why it matters. We present a case study showing the impact that it can have. We illustrate that a positive education program can be successful, but also bring numerous challenges. Finally, we consider implications for training, teaching, and practice.

## 2. Positive education

Positive education has been defined in various ways, but most definitions stem from the paper by Seligman et al. (2009) which defined it as "education for both traditional skills and for happiness" (p. 293). The International Positive Education Network (IPEN, <u>www.ipennetwork.com</u>) suggests that positive education is a double helix with intertwined strands of equal importance – academics and character or wellbeing. Based on a review of 150 journal articles, chapters, and books published over the past nine years, White and Murray (2015) argued that positive education is an umbrella term that is used to describe empirically validated interventions and programs from positive psychology that have an impact on student wellbeing.

At its core, positive education builds on the science of positive psychology, a perspective and approach that has existed across millennia, and represents philosophies, theories, research, and applications that are preventative and strengths based in nature, and aim to understand and cultivate optimal human function. What has taken positive psychology from the philosophical and theological domains to an established field is its emphasis on incorporating scientific approaches (Ambler, Anstey, McCall, & White, 2017; Charry & Kostis, 2017; Kristjánsson, 2013; White et al., 2017). Indeed, if positive education is to differentiate itself from other areas, it is essential that this empiricism is at the heart of research and practice, demonstrating substantial impact on student development.

However, alongside empiricism, a clear valuing of the practical application by educators is needed. While definitions of positive education are appealing at a theoretical level, they leave little guidance for teacher practice. What are skills for happiness? What does it mean to have wellbeing and character intertwined with academics? If the scientific approaches of positive education are to be integrated, then complete integration of data with decision-making and professional practice is needed (Hattie, 2016).



## 3. Why positive education matters

Educators face numerous competing challenges, including: falling literacy and numeracy rates, absenteeism, school engagement and retention. Why should schools make room for positive education? Based on relevant literature over the past 10 years (e.g., Boniwell, 2012; Brunzell et al, 2015; Brunzell, Stokes & Waters, 2016a; Brunzell, Stokes & Waters, 2016b; Brunzell, Stokes & Waters, 2018; David, Boniwell, & Ayers, 2013; Furlong, Gilman, & Huebner, 2014; Gilman, Huebner, & Furlong, 2008; Noble, Wyatt, McGrath, Roffey & Rowling, 2008; Roffey, 2012, 2016; Slemp et al., 2017; Waters, 2015; Waters, 2017; Waters et al., 2017; White, 2010, 2013; White et al., 2017), we suggest that there are six reasons for embedding positive education within educational systems: philosophical, psychological, social, cognitive, economic, and cultural.

## 3.1 Philosophical

Wellbeing and virtue ethics have a rich philosophical history, grounded primarily in the Aristotelian vision of eudemonia (Arthur, Kristjánsson, Harrison, Sanderse, & Wright, 2016; Carr, Arthur, & Kristjánsson, 2017; Kristjánsson, 2007, 2015). As is commonly noted throughout the wellbeing literature, in the Aristotelian perspective, wellbeing is understood as an outcome of a pathway towards a flourishing life. However, an often-overlooked element of Aristotle's writings is the pursuit of wellbeing not only for its own sake, but as a citizen of the "polis" or city-state of classical Greece (*Nicomachean ethics*, T. Irwin, Trans, 1985). Hence, the inspiration of what it means to be a good citizen, live well within a community, develop good character and be free was strongly associated with the formation of the early city-states of ancient Greece. Aristotle's understanding of citizenship has long influenced Western democracy throughout the world, with the assumption that if we are to be fully human, we must be active citizens helping to create a flourishing state. Thus, a focus on wellbeing is not only about how individual students feel, but also, as suggested by the positive youth development literature and character education (e.g., Kern, Park, Peterson, & Romer, 2017; White & Murray, 2015), their journey towards becoming contributing members of society.

# 3.2 Psychological

High rates of mental illness and suicide in developed countries globally have raised awareness of the need to better understand and support student mental health (IPEN, 2017). The World Health Organization (2017) indicates that mental illness is the greatest cause of disability for young people worldwide. By age 25, one in four young people will have experienced at least one occurrence of severe mental illness (Slade, Johnston, Oakley Browne, Andrews, & Whiteford, 2009; World Health Organization, 2017). Suicide and accidents are the main causes of death for young people age 16 to 25. The Australian Institute of Health and Welfare (2011) reports that in an average Year 12 classroom, one young person has attempted suicide, and an unknown number of others have thought about it. Today's five-year-old will emerge and graduate in 2030 — the same year that the World Health Organization predicts that depression will create the highest level of disability of any mental or physical disorder (World Health Organization, 2001). If such trends continue, many of the brightest and most innovative youth will not make it to adulthood or will enter adulthood crippled by chronic disorder.

The earlier that a young person experiences mental illness, the greater the risk of extended disability, repeated incidences, and numerous negative life outcomes, including dropping out of school, unemployment, delinquency, poor social relationships, and physical and mental health problems (Kessler & Bromet, 2013). Keyes (2014) argued, "It's often said that the youth is



the nation's future. If this is true, then there is too much mental illness to look forward to in the future." Schools act as a first line of defence against mental illness, with a capacity to prevent or lessen the impact of mental illness (Kern, Waters, Adler, & White, 2015; White & Kern, 2017).

## 3.3 Social

Human beings have a deep-seated need to relate with others and feel a sense of belonging (e.g., Allen & Kern, 2017; Baumeister & Leary, 1995; Deci & Ryan, 2008; McClelland, 1987; Vallerand, 1997). Systematic reviews identify that a sense of belonging strongly impacts academic, psychological, social, and behavioral outcomes (Allen & Kern, 2017, Allen, Kern, Vella-Brodrick, Hattie, & Waters, 2018). The presence or absence of and the quality of social relationships impact psychological and physical health, and length of life (Tay, Tan, Diener, & Gonzalez, 2012; Taylor, 2011). Relationships are also dynamic. They are influenced by the interrelationships of two or more individuals, including the qualities of each person, their commitment to the relationship, their communication styles, and each person's needs, goals, standards, and expectations (Finkel, Simpson, & Eastwick, 2017). Any applications of happiness need to recognize how important social connection and prosocial behaviors are for wellbeing (Helliwell & Aknin, 2018).

Childhood and adolescence are primary periods when social connections beyond the family develop (Allen & Kern, 2017). Peers and friendships are pivotal to how the individual thinks and feels about him or herself (Quinn & Oldmeadow, 2012). And teachers have considerable influence on the academic, social, and emotional outcomes of students under their care, for better or for worse (e.g., Allen & Kern, 2017; Anderman, 2002; Crouch, Keys, & McMahon, 2014; Hattie, 2009; Wang & Eccles, 2012).

Over the past few decades, the socializing role of schools has become increasingly important, as modern society has become increasingly mobile, traditional family structures have shifted, and technology is changing communication patterns (Hayes, Weston, Qu & Gray, 2010). Further, social skills form a core part of the most valued characteristics of the 21<sup>st</sup>-century workplace (Foundation for Young Australians, 2016, 2017; Hanover Research, 2011). Social and emotional learning programs that specifically target social skills can help young people understand and manage their emotions, develop positive relationships with others, make responsible decisions, and possibly perform better academically (Durlak, Weissberg, Dymnicki, Taylor, & Schellinger, 2011).

## 3.4 Cognitive

One of the biggest challenges that schools are facing is how to engage students in their learning. School engagement has been defined in a myriad of ways, but generally includes behavioral, psychological, and cognitive aspects (Appleton, Christenson, & Furlong, 2008). It includes feeling a part of the school, being interested in learning, paying attention, and participating in school activities, versus being bored, disinterested in learning, and uninvolved at school. Disengaged students are at increased risk for skipping class, dropping out, and a variety of anti-social behaviors (e.g., Cook, Dodge, Gifford, & Schulting, 2017).

In a review of studies considering the impact of positive psychology interventions in school, Waters (2011) found that school engagement and retention can be enhanced through positive psychology interventions. For example, mindfulness interventions have been shown to increase attention, memory performance, and problem-solving in young adults, (Creswall, 2017), and school-based interventions have demonstrated improvements in cognitive



performance, stress, resilience, and emotional problems (Zenner, Herrnleben-Kurz, & Walach, 2014).

### 3.5 Economic

The cost on national economies each year for mental illnesses is substantial (World Health Organization, 2017). An Australian report estimated that the cost of Australia's mental illness is A\$3.27 billion per year (Degney et al., 2012). The annual cost of suicide for Australia equates to A\$17.5 billion. Beyond direct costs, there is also the number of productive life years lost due to disability or early mortality. These significant figures illustrate the cost and the impact of youth mental health on national economies. Preventative approaches often cost more up front but create substantial savings in the long term. If we can prevent even some youth from mental illness and save lives, then it means substantial economic benefits in the future.

## 3.6 Cultural

Culture has been defined as the specific practices of a group or a particular orientation (e.g., individualism versus collectivism) for interpreting and making sense of experiences and situations (Oyserman, 2017). Culture is both stable and dynamic, as norms, values, traditions, and more are passed down through generations and evolve. Through globalization, different cultures are increasingly being brought together, at times peaceably, at other times violently.

Schools have their own cultures, implicitly and explicitly establishing and reinforcing norms and expectations, and creating a lens for young people to understand and experience their world (Hviid & Villadsen, 2014). The design of the school, classroom environment, how teachers treat students, and the language used on campus impact how students think about themselves and how they interpret and make sense of their world (Allen & Kern, 2017). Hattie (2016) identified the need to make schools an inviting learning environment as one of the core factors needed to reboot the Australian education system. Culture either naturally arises or is purposefully created (White & Murray, 2015). Positive education aims to explicitly and implicitly shift school cultures in ways that empower students to develop a positive lens for experiencing the world (White et al., 2017).

# 4. Positive education in practice

Positive education can involve explicit teachings and lessons (i.e., a *taught* curriculum), and/or implicitly through aspects of the school culture (i.e., a *caught* curriculum).

The taught curriculum involves the purposeful application of positive psychology within scheduled class time. This may entail a clear scope and sequence that is developmentally appropriate, lessons which are culturally sensitive, a dedicated team of teachers who can respond and adapt to student feedback, and a focus on long-term goals in the delivery of positive education lessons. This approach primarily takes the ideas and findings from positive psychology and blends them with practical curricula. There are a growing number of empirically informed and scientifically structured wellbeing programs that develop scope and sequence of skills to young people (e.g., Boniwell & Ryan, 2012; McGrath & Noble, 2011, Seligman et al., 2009; see Slemp et al., 2017 for a review).

The caught curriculum reflects the overall culture, feeling, or tone of a school (White, 2016). It appears in the language used, how staff and students interact with one another, and implicit norms of the school. A benefit of the caught curriculum is that it interferes less with already established and crowded curricula (White, 2014, 2016; White & Murray, 2015; White & Waters,



2015a, 2015b). Decision makers are already challenged to manage overcrowded curricula, with primary focus on numeracy and literacy. Wellbeing is seen either as a marginalized topic or as a marketing tool, along with co-curricular "extras" for schools to differentiate themselves from competitors (Hattie, 2016). Incorporating positive education into the culture without specific lessons offers the possibility of emphasizing wellbeing without taking time away from learning. However, relegating positive education to the caught curriculum also risks further marginalizing wellbeing, as it is seen as an added extra, rather than being a core part of education.

It is essential that there is not only a clear culture of wellbeing promoted within a school but also clear support for wellbeing within the classrooms themselves. While there are benefits and disadvantages to both approaches, we believe that the greatest benefit will arise from the combination of caught and taught approaches. Still, studies are needed to determine the extent to which the taught versus the caught curriculum should be emphasized, and the extent to which this varies based on the existing needs and culture of the school.

# 5. Evidence for positive education: A case study

A growing number of schools around the world show early signs of having successfully implemented positive education. A review of schools and programs is beyond our scope here; instead, we focus on evidence and lessons learned from one school – St. Peter's College – Adelaide, Australia.

St. Peter's College is an all boys' K-12 school in South Australia. Founded in 1847, it is one of the leading independent schools of Australia. St. Peter's College has graduated three Nobel Laureates, ten Australian Premiers and 42 Rhodes Scholars. It has over 1,448 students, all boys, from 3-year-olds to 18-year-olds. It has a staff of 250 people, and its school's vision is "to be a world-class school where all boys flourish" (St. Peter's College, 2015).

Our focus here is not on what the school has done, which has already been well documented (Alford & White, 2015; Kern, Waters, White, & Adler, 2014; Kern, Waters, Adler, & White, 2015; McCall, Waters, & White, 2015; Waters, White, Wang, & Murray, 2015; White & Murray, 2015; White, Vrodos, & McNeil, 2015; White & Waters, 2015a, 2015b; Waters, White, & Murray, 2012), but rather, on lessons learned through its challenges and successes. That is, our focus is on the *impact* of the introduction of wellbeing programs, rather than the *activity* of these programs.

## 5.1 Incorporating positive education at St. Peter's College - Adelaide

A school's strategic plan sets measurable outcomes that determine the whole school structure, provide evidence for the success of efforts, and are reported to the school community. At St. Peter's College, wellbeing was added to the school's strategic plan in 2011. The plan was further revised in 2016, resulting in four primary objectives:

- 1) To be a safe, inclusive, supportive, and respectful learning and working environment for all members of the school community.
- 2) To teach, build, and embed personal and competencies for wellbeing across the school.
- 3) To ensure all staff, regardless of whether they are teaching or support staff, embrace student wellbeing as essential to their role and responsibilities.
- 4) To advance St. Peter's College as an international center of excellence for best practice and wellbeing by leading educational debate and sharing learning with others.



Since 2011, staff have received training in resilience from the staff at the University of Pennsylvania's Center for Positive Psychology, 12 staff members have graduated from the University of Melbourne's Graduate School of Education's Professional Certificate in Positive Education, and one has graduated from the Master of Applied Positive Psychology program at the University of Melbourne.

Aiming for a whole school approach to wellbeing, the focus on wellbeing has been gradually incorporated throughout the school's ecosystem. The school has adopted very clear leadership and vision around wellbeing, in alignment with governance, strategy, and management. Staff receive training and opportunities to develop their wellbeing. All students have now received multiple scientifically-informed programs, (i.e., the taught curriculum). Wellbeing has been incorporated into sports, leadership, and co-curricular activities (i.e., the caught curriculum). The school is also committed to sharing knowledge with parents, the local community, educators, academics, and policy makers.

## 5.2 The impact of positive education on St. Peter's College - Adelaide

Wellbeing assessment and program evaluation have occurred since 2011. The assessments suggest that students have benefitted from positive education, with at-risk students benefitting the most. Wellbeing data has informed programming and has helped school teams to discuss the links between strength of character and academic mastery. The data provide early indications that the culture of the school is shifting.

Many students at the school perceived positive education as a beneficial addition to their schooling experience. We asked students a number of subjective questions about their experiences at school, including how their knowledge and understanding of the significance of wellbeing resilience has changed, and their understanding of the significance of their friends' wellbeing and resilience. As seen in Table 1 (below), in both 2014 and 2016, the majority of junior school students had a good understanding of the significance of the wellbeing and resilience for themselves and their friends, with over 90% reporting some understanding. By 2016, they perceived that positive education helped them to be a better student and to have better relationships with family and friends.

Senior school students perceived wellbeing and resilience as less significant and saw fewer links with positive education. Still, over a quarter believed that positive education helped them in their academic, social, and family roles. One student noted: "Although it may not have helped me personally I think that if people concentrated in class more of [sic] what is going on, they could benefit from it."

Second, students at risk for lower academic, behavioral, and psychosocial outcomes have seemingly benefited from the focus on wellbeing. Using wellbeing and academic data collected in 2011 and 2014, we compared high-performing students (i.e., A to A+ range) with lower-performing students (B and C range), based on average grades. High-performing students were generally satisfied overall with life, reported feeling engaged with school and connected with peers, and saw themselves as being gritty, determined to achieve their goals, and high in perseverance. In contrast, lower-performing students felt less engaged and connected with school. Notably, both the 2014 and 2016 surveys indicated that these lower-performing boys perceived that they benefitted and were learning more from the positive education programs than the high-performing students.

Third, the focus on wellbeing, combined with embedding wellbeing assessment, has helped inform programming and pastoral care. For example, in 2011, a merit system was introduced, which documents what students do well. These positive actions are communicated via an email



generated to the student, the parents, and the student's mentor at the school. The school has seen an exponential rise in the number of merits received, as well as a steady decline in the number of behaviors and concerns from years 7 to 12 which have been reported by school staff.

Table 1. Student subjective perspectives of positive education, 2014 and 2016 reports

-	2014				2016			
To what extent has positive	Junior School $N = 209$		Senior School $N = 506$		Junior School N = 161		Senior School N = 773	
education helped you	Somewhat	Very Much	Somewhat	Very Much	Somewhat	Very Much	Somewhat	Very Much
Understand the significance of wellbeing and resilience?	95%	64%	79%	46%	93%	71%	80%	44%
Understand the significance of your friends' wellbeing and resilience?	93%	62%	83%	46%	95%	75%	83%	51%
Understand the significance of your strengths?	92%	60%	83%	50%	91%	73%	82%	47%
Understand the significance of your friends' strengths?	93%	63%	81%	44%	90%	75%	83%	49%
Become a better student?	78%	48%	50%	21%	87%	57%	58%	26%
Have better relationships with your family?	73%	41%	47%	19%	83%	50%	56%	24%
Have better relationships with your friends?	73%	48%	48%	20%	87%	58%	58%	27%

Having the data on hand also stimulated conversations within school pastoral care teams, and between students and their mentors. Programming was determined in part by the needs identified at different year levels.

The data also made it clear that wellbeing and academic performance were not mutually exclusive. As shown in Figure 1 (below), students who demonstrated high levels of perseverance, growth mindset, grit, and school engagement also performed better academically and were rated more positively by their teachers regarding cooperation, effort, and organization, with correlations being stronger over time. This does not imply that wellbeing causes good academic performance, but rather suggests that positive education may be simultaneously beneficial to wellbeing and academic performance. Finally, there are early indications that the culture of the school has shifted. Students were much more likely to report mental health difficulties in 2016 than in 2011. One student aptly noted: "This school has



changed significantly in the last 10-15 years due to this positive wellbeing program and it has created a more inclusive and richer culture at Saints."

Connected Engagement Perseverance Optimism Happiness Overall Wellbeing Cooperation 2012 Effort 2012 Organization 2012 GPA 2012 Cooperation 2013 Effort 2013 Organization 2013 GPA 2013 + Cooperation 2014 Effort 2014 Organization 2014 **GPA 2014** 

Figure 1. Correlations between wellbeing and academic performance, 2012-2014

## 6. The challenge of applying positive psychology within education

We suggested that philosophically, psychologically, socially, cognitively, economically, and culturally, a case can be made for positive education. Successes at schools such as St. Peter's College provide early evidence that positive education can be beneficial. A growing number of reports from other schools similarly point to the potentials for positive education (e.g., Adler, 2017; IPEN, 2017; Noble & McGrath, 2015; Norrish, 2015; White et al., 2017). However, the question remains as to the extent to which these programs integrate positive psychology with education, rather than simply imposing the ideas of positive psychology on schools. Researchers in positive psychology have successfully developed a variety of interventions to help improve individual wellbeing, but applying simple interventions within the complexity of educational settings is a challenging task. Some of the common misconceptions about change within education are that it is linear, constructive, and always a good thing (White, 2016). The reality is that change is often messy and disorganized, with growth in unexpected areas, and numerous unintentional consequences (Kern, Siokou, Spong, & Oades, 2017).

The rapid growth of positive psychology and its applications in different fields is clearly evident (Donaldson, Dollwet, & Rao, 2015; Rusk & Waters, 2013). However, we would suggest that decision-makers can learn from Elmore (1996) and his work on the impact of innovation and change within education, and the impact on professional practice for teachers. Elmore argued:

The closer an innovation gets to the core of schooling, the less likely it is that it will influence teaching and learning on a large scale. The corollary of this

<sup>+ =</sup> p < .05, ++ = p < .01



proposition, of course, is that innovations that are distant from the core will be more readily adopted on a large scale (p. 4).

Elmore's learnings on the professional practice and innovation within education systems are a timely reminder for the exceptional exponential growth of positive education. The movement seems to have struck a chord for many teachers and professional educators, which suggests that innovation for wellbeing within schools lies deeply at the heart of what it actually means to learn and to teach (Kristjánsson, 2012). Nevertheless, when Elmore's rationale is applied, it is likely that, as the ideas of positive education are scaled, the more challenging it will become to successfully implement those ideas.

To implement positive education successfully, there are numerous factors that schools must wrestle with and mitigate (White, 2016):

- 1) Financial implications of incorporating positive education into the taught and caught curriculum. Early investment is often needed, with the return on investment not apparent until years later.
- 2) Making the case for all stakeholders that wellbeing is not a marginal topic when compared with other areas such as numeracy and literacy.
- 3) The tendency for education systems to be able to consider either-or thinking (i.e., it is either wellbeing *or* academics rather than wellbeing *and* academics).
- 4) The growth of maverick providers in the field, where individuals are setting up questionable programs and questionable training products with varied or no evidence whatsoever of long-term impacts.
- 5) The over-reliance on "science," following the scientific method and a reductionist approach to research, and the under-reliance on philosophy and educational best practices.
- 6) Traditional forms of governance that take place within many school systems and schools that are primarily focused on negative or deficit-based thinking.
- 7) Rhetoric suggesting that positive education provides a silver bullet for the problems of education, which is disregarded when it indubitably is not.
- 8) Substantial socioeconomic and cultural challenges between and within schools.

Decision makers are continually challenged to maintain financial sustainability and demonstrate returns on financial investments. In many instances, they are looking at short-term measures such as high stakes testing and overlooking the long-term strategies needed to support optimal development.

Positive education is further challenged by over-reaching claims, which can be criticized as simply rebranding education to gain a competitive edge (Hutchinson, 2017; Kenway, 2013). When positive education is proposed to solve a myriad of challenges within education itself, including illiteracy, disengagement, and even mental illness, then the program is bound for failure. Too often, the ideas and interventions of positive psychology sound as if they can be replicated immediately in other settings. Wellbeing takes place *within* schools, classrooms, staff rooms, and within parent bodies, which are all impacted by specific cultural settings. Based on our experience and understanding of both research and education, we suggest that if these different perspectives and stakeholders are ignored, then the introduction of wellbeing will be just another "fad," or a slick marketing campaign for a school to adopt to reinvent itself, which will fail to stick amidst the reality of the pressures and challenges within a school.



## 7. Implications for professional practice

These challenges have several implications for professional training and teaching practice. With the development and exponential demand at the grassroots level within schools for wellbeing-related learning, there is a need to upskill teachers, staff, and school leaders with not only understanding about and activities related to positive education, but also the reality of the challenges that exist. The rising rates of mental illness suggest that many teachers are now faced with not only being an educator, but also must deal with the psychosocial issues that students bring to the classroom. The implication is that pre-service teacher education and ongoing professional development for staff should equip educators with an accurate and timely understanding of what it means to manage both their own wellbeing and that of their students.

A growing number of taught programs, such as BounceBack! (McGrath & Noble, 2011), the Penn Resilience Training (Brunwasser, Gillham & Kim, 2009), Kids Matter (Department of Health, Australian Government, 2018), and Happy Classrooms (Centre for Education Innovation, 2015) have been developed, which is an encouraging sign. But as the number of programs increases, it can be confusing as to which program(s) should be chosen. It is important that schools consider the fit of the program to their needs, making modifications when appropriate, while carefully documenting changes made and their impact of the program. Clear attention should be paid to teacher practice, avoiding over-reliance on curriculum alone. While positive education can have benefits, it is not a silver bullet, and it is not a quick-fix solution. In addition, with the significant number of "maverick providers" (White, 2016), there is a need for some degree of caution, skepticism, and, potentially, regulation.

Professional leadership is responsible to make relevant decisions about how to operationalize wellbeing programs within a school, and how to select training opportunities that uphold scientific rigor. Care needs to be taken in how the change process is introduced and managed within the school. Leaders also need to take care of their wellbeing in order to adequately enable wellbeing in those they lead. In addition, school boards of directors need to be educated as to why wellbeing matters as an operational goal (White, 2014). We suggest that such bodies should hold schools accountable for supporting the wellbeing of all members of the educational community, and have the responsibility to support well-designed, evidence-based efforts within the school. The challenge of creating positive change should be acknowledged. While boards should require evidence for positive education efforts, this needs to be tempered by an acknowledgement that the greatest impacts of supporting positive education may not be seen for many years.

Finally, to move the field of positive education forward, we suggest that researchers and practitioners need to work closely together, considering how the concepts of positive psychology translate within the complexities of different school environments. This should be underpinned by robust measurement, which incorporates both quantitative and qualitative data to support program development and evaluation.

# 7. Conclusion

Positive education has considerable potential, but must be studied, applied, and managed in a responsible manner. When successful, a growing body of literature suggests that positive education programs do have a positive impact on the way that many students know and understand themselves, their peers, and their families. Evidence suggests that



students who are at risk learn and benefit from positive education. Wellbeing data helps school teams conceptually link between wellbeing concepts and academic mastery, and can inform practice within the school. However, a unified theoretical framework of positive education is needed, which adequately brings together positive psychology with educational knowledge and pedagogical practice, acknowledges the challenges of change within the educational environment, and stresses the importance of evaluation. Only then can the field adequately put forward positive education as the heart of a new approach to pedagogy (White et al., 2017).

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