



Feel good, learn better with SchoolVision

What could it mean for your school?

PHILIPS
sense and simplicity





School principals are the guardians of our future, ensuring that everything is in place for our children to realise their full potential. Providing a balanced curriculum that gives pupils the skills they need to succeed in life is vital. However, with multiple stakeholders to please including teachers, parents and governors, one of your most important goals will also be to improve your school's results. Not only will it affect your school's rating, it could also secure additional funding to help with overstretched budgets and limited resources.

Normal

What: Standard intensity level, standard colour tone

When: Normal class lesson



Energy

What: Higher intensity level, very cool colour tone

When: Supports a fresh start of the day (morning) or afternoon (after lunch)



Why SchoolVision?

Creating learning environments in which teachers and pupils can excel is the first step towards achieving better results. But teaching methods and learning resources are just part of the story. Lighting can also have a positive effect and bringing the dynamics of daylight into the classroom with SchoolVision can help to stimulate and engage pupils.

Think about the wide variety of activities that take place in the classroom, from focussed tasks and quiet reading time to creative pursuits and lively group work. All require very different levels of concentration and energy levels, yet they usually take place in the same classroom. SchoolVision provides a simple, yet effective solution. It allows the lighting to be changed according to the classroom activity and the time of day, bringing out the best in both teachers and pupils.



Focus

What: Highest intensity level, cool colour tone

When: Supports concentration for a test



Calm

What: Standard intensity level, warm colour tone

When: Supports to calm a class that is too hyperactive

How does SchoolVision work?

SchoolVision is an innovative lighting solution that allows teachers to control the classroom atmosphere to create exactly the right ambience. The light can be tailored to suit the learning task or the time of day. By making the learning environment as comfortable as possible for each activity, it keeps young minds alert and eager to take part, optimising results for teachers and pupils.

Four dedicated lighting scenes are available for the teacher to select via a touchpad. The scenes are produced by varying the balance between light intensity and colour tone/temperature to create a particular ambience that is suitable for certain tasks and/or time of day. Normal is for regular classroom activities. Energy helps to invigorate pupils when the need to be more active, supporting a fresh start to the day (morning) or afternoon (after lunch break). Focus aids concentration during challenging tasks and Calm brings a relaxing ambience to individual work or quiet time.



What results can you expect?

SchoolVision has proven results. The solution was first researched in a year-long, independent study by Universitätsklinikum Hamburg-Eppendorf with 166 pupils and 18 teachers. The results showed that:

- Reading speed increased by almost 35%
- Frequency of errors reduced by almost 45%
- Hyperactive behaviour also dropped by an astonishing 76%

These positive findings were confirmed and endorsed by a second, more extensive study carried out by the University of Twente. The research at Disselboom primary school in Wintelre between December 2009 and September 2010 concluded that:

- Children score on average 18% higher in a concentration test
- Are more motivated in the long term
- Appreciate their learning environment more, both in the short and long term
- Co-operative learning behaviour is positively influenced by the 'Calm' setting

In short, "Light makes a positive difference" in the things that really matter like concentration, motivation and co-operative learning.



Universitätsklinikum
Hamburg-Eppendorf

UNIVERSITY OF TWENTE.

Source: "Wirksamkeit von dynamischen Licht in Hamburger Schulklassen",
May 2009 Universitätsklinikum Hamburg-Eppendorf, Klinik und
Poliklinik für Kinder- und Jugendpsychosomatik, Michael Schulte-
Marktwort, Claus Barkmann & Nino Wesselowski
www.uke.de/kliniken/kinderspsychosomatik/index_53560.php

Give learning the green light

As you'd expect from Philips, the SchoolVision solution respects all relevant lighting norms and provides comfortable light with no shadows or glare. Daylight sensors dim the lights when there is enough natural daylight and presence detectors turn the lights off when the classroom is empty. What's more, because SchoolVision is also energy efficient, it's a cost-effective way to light the classroom too with energy savings of up to 57%.

Great results for schools

SchoolVision provides an outstanding learning environment that engages and stimulates or relaxes and calms. Pupils get the very best start in school with light that enhances learning, improves results and makes everyone feel better. To find out more about the advantages of SchoolVision and discover how it works in practice, please visit www.philips.com/schoolvision

To discuss your school's requirements please contact your local Philips Lighting organisation



“With SchoolVision we can create an outstanding learning environment that gives pupils the best start in school.”

Jane van der Heyden, principal Veldvest primary school, Wintelre, the Netherlands



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