



PEDESTRIAN AND CYCLING TESTS AND CERTIFICATES

A FRAMEWORK FOR PEDESTRIAN AND CYCLING EDUCATION IN
FLANDERS, BELGIUM



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"Everybody on board for safe traffic"

Origin



Goal



Framework



Activities

Education

Schools/pupils
Employers
Local councils
Local police
Driving instructors
Local associations



Awareness raising

General public
Specific audiences



THE LARGER PICTURE



PEDESTRIAN AND CYCLING TESTS/CERTIFICATES

Integrated teaching and training method

- For **pedestrian and cyclist education** in kindergarten and primary schools (age 3/4 → age 11/12)
- Based on **attainment levels** for traffic education set by Flemish government (see next slides)
- **Graduated** method, step-by-step learning process, based on pupils' functional capacities and abilities according to age
- **Operational objectives** related to skills, knowledge and attitudes for each phase in learning process, according to age
- Including **tests and exams**
2 pedestrian tests + 1 Grand Pedestrian Exam
3 cycling tests + 1 Grand Cycling Exam
- **Traffic certificates** after each test/exam, per age group
Pedestrians: Bronze / Silver / Gold certificates
Cyclists: Balance bike / Bronze / Silver / Gold certificates



PEDESTRIAN AND CYCLING TESTS/CERTIFICATES

Age

5

7

9

11



TRAINING

Test →
Bronze certificate

TRAINING

Test →
Silver certificate

TRAINING

Grand
Pedestrian
Exam →
Gold certificate

Teaching method "Pedestrians"



TRAINING

Test →
Balance bike
certificate

TRAINING

Test →
Bronze
certificate

TRAINING

Test →
Silver
certificate

TRAINING

Grand Cycling
Exam →
Gold
certificate

Teaching method "Cyclists"

FLEMISH EDUCATION SYSTEM

Attainment levels and development goals – general

- Defined by Flemish government
- Mandatory **knowledge** and **skills** per grade = what pupils need to know and be able to do when completing a grade
- Attainment levels: minimum objectives related to knowledge, insight, skills, attitudes
- Schools **must** work towards reaching attainment levels (mandatory), **but**
- Schools are free to determine lesson content and teaching methods

→ VSV provides **support** for **traffic education**



FLEMISH EDUCATION SYSTEM

Attainment levels: example for traffic education (primary schools)

“At completion of primary school, pupils must:

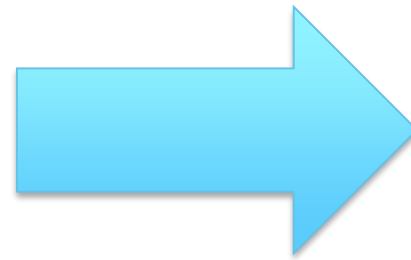
- be able to locate dangerous traffic situations in the wider school environment;
- have sufficient responsiveness, balance, sense of coordination, and know traffic rules for cyclists and pedestrians, to be able to move independently and safely along a familiar route;
- show willingness to consider other road users in their behaviour (...)”



MAIN PRINCIPLES



What the
LEARN!
manual says



PEDESTRIAN AND
CYCLING CERTIFICATES

How we do it



MAIN PRINCIPLES



RECOMMENDATIONS

- Link your activity to...
 - *Your general strategy*
 - E.g. casualty reduction in road users > providing education
 - *The school curriculum (if applicable)*
 - *The national goals for traffic safety and mobility education (if applicable)*
- *Strategy: lowering casualties in young pedestrians and cyclists by providing **teaching method** for schools (+ educational tools & support)*
- *Linked to **curriculum elements** defined by school networks (public schools, private schools,...)*
- *Linked to official **attainment levels** for traffic education in primary schools*

MAIN PRINCIPLES



RECOMMENDATIONS

- Decide whether learning outcome is related to
 - *actual behaviour*
 - *intentions to engage in the behaviour*

PEDESTRIAN AND CYCLING CERTIFICATES

- Learning outcome is related to **actual behaviour** of pedestrians and cyclists
- Actual behaviour is **tested** in various conditions according to level, e.g.:
 - *Bronze pedestrian certificate: protected environment (school playground,...)*
 - *Silver pedestrian certificate: real traffic conditions under adult supervision*
 - *Gold pedestrian certificate: real traffic conditions, adults as observers only*



MAIN PRINCIPLES



RECOMMENDATIONS

- Formulate outcomes in terms of **operational objectives**
 - *Define what elements specifically you want to change, to what extent and in what timeframe*
- Operational objectives should be **SMARTER** (Specific, Measurable, Achievable, Realistic, Time-bound, Evaluated, and Revisable)
- Operational objectives are a **road map** for designing your activity and its evaluation

PEDESTRIAN AND CYCLING CERTIFICATES

- Operational objectives are the **specific skills** needed to succeed the tests / exams (bronze, silver, gold certificates)
 - *Timeframe = lessons and practical training sessions leading up to the test / exam*
- Examples of SMARTER objectives: **skills and subskills** for Grand Pedestrian and Grand Cycling Exams (see next slides)
- Tests/exams serve as **milestones** in VSV's integrated teaching method for pedestrians and cyclists age 4-12

OPERATIONAL OBJECTIVES - EXAMPLE

Grand Pedestrian Exam: specific skills needed to succeed the exam

- Recognize dangerous situations and respond safely
- Choose a safe part of the road to walk on if there is no footpath
- Walk left on the roadway if there is no footpath, hard shoulder, or bike path
- Walk on the roadway along an obstacle that completely blocks the footpath
- Cross the road safely:
 - *on a zebra crossing without a traffic supervisor*
 - *on a zebra crossing with an authorized traffic supervisor*
 - *at the safest place on the roadway (not between parked cars, not in a bend,...)*
 - *at an intersection without a zebra crossing*
 - *at an intersection with traffic lights*
 - *at an intersection with a traffic officer*
- (Cross at a level crossing)

Each operational objective is defined as a **set of subskills** (see next slide)



OPERATIONAL OBJECTIVES - EXAMPLE

Subdivision of skills to “cross the road at the safest place”

✗ = errors noted by the observer

The pupil...	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
chooses a place with good visibility - Not in a bend - Not between parked cars - Not near entries/exits - Not near obstacles	✗														
stops at the kerb	✗						✗								
looks left and right several times			✗			✗									
crosses perpendicular to the road if the road is free		✗						✗							
keeps looking out while crossing	✗							✗							
keeps his/her pace without running				✗											
behaves safely (does not take risks)															



OPERATIONAL OBJECTIVES - EXAMPLE

Grand Cycling Exam: specific skills needed to succeed the exam

- Look over the shoulder while staying on course
- Extend one's arm to announce a maneuver or change of direction
- Turn right
- Turn left
- Cycle past an obstacle
- Take into account pedestrians on a zebra crossing
- Take into account passengers getting out of a car
- Take into account oncoming traffic and traffic approaching from the rear
- Cycle to a zebra crossing, get off and cross on foot
- Use a cycle path where required
- Cycle on the right side of the roadway if there is no cycle path
- Give way where required

Each operational objective is defined as a **set of subskills**



OPERATIONAL OBJECTIVES - EXAMPLE

Subdivision of skills to “cycle on the right side of the roadway”

✗ = errors noted by the observer

The pupil...	1	2	3	4	5	6	7	8	9	10
cycles on the right side of the roadway, at sufficient distance from parked cars	✗									
does not cut off bends does not take bends too wide		✗		✗				✗		
only moves to the left if there is an obstacle or when overtaking another cyclist			✗		✗		✗		✗	
behaves safely (does not take risks)	✗								✗	



MAIN PRINCIPLES



RECOMMENDATIONS

- Formulate **output objectives**
 - *E.g. amount of pupils / percentage of schools you want to reach within a certain time period*

PEDESTRIAN AND CYCLING CERTIFICATES

- Flemish primary schools count about 70,000 pupils per grade
- Based on that number, VSV has defined output objectives for the Grand Pedestrian and Grand Cycling exams
 - *Per school year, at least 25,000 pupils should take the Grand Pedestrian Exam*
 - *Another 25,000 should take the Grand Cycling Exam*
 - *This corresponds to 35% of all pupils in those particular grades*
- The long-term aim is to reach 100% of pupils in Flemish primary schools

RESULTS

Grand Pedestrian Exam

- 25,000 participants
- 87% success rate

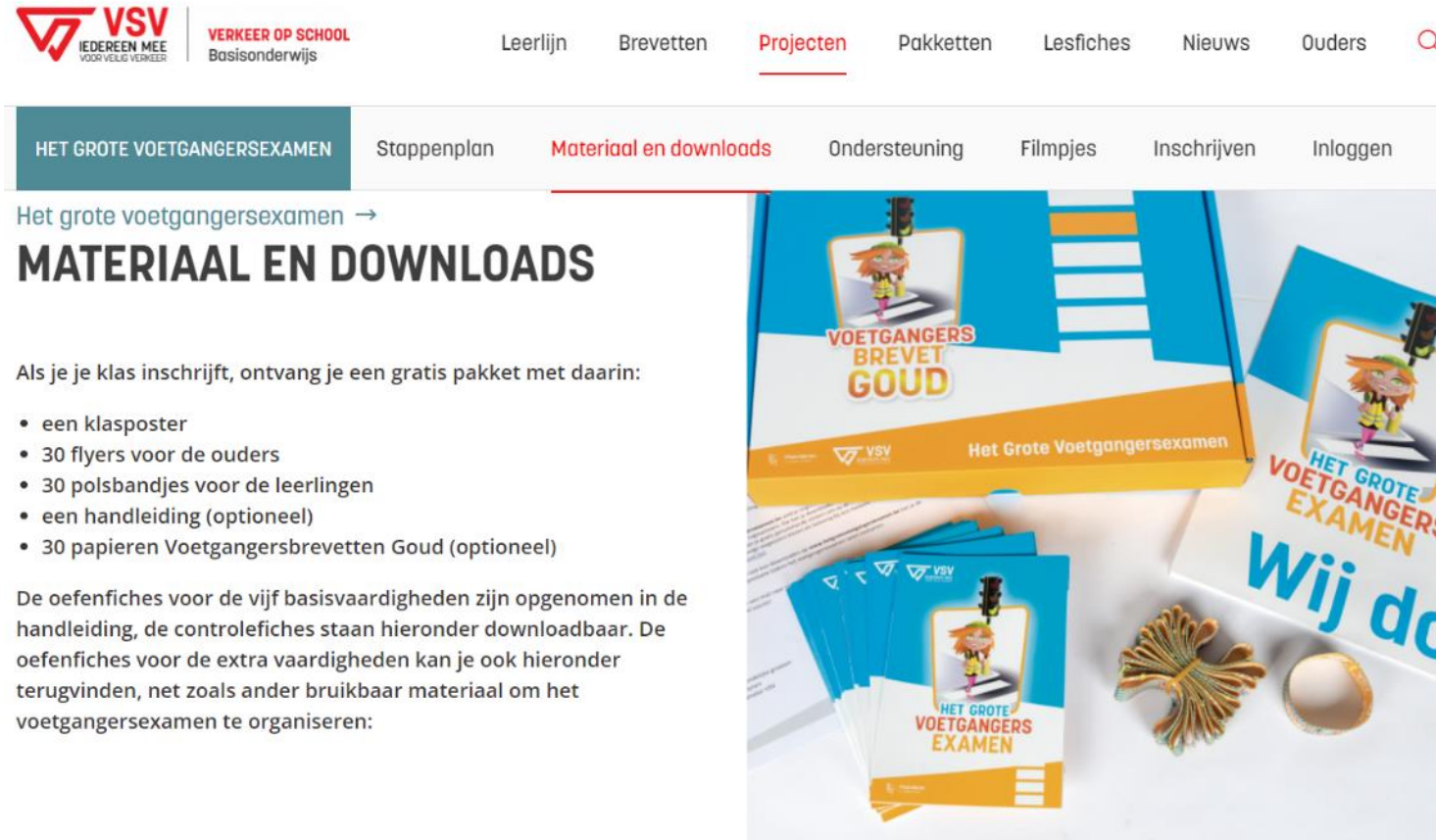
Grand Cyclist Exam

- 26,000 participants
- 90% success rate



PRACTICALITIES

Practical guides, materials and step-by-step instructions freely available at www.verkeeropschool.be



The screenshot shows the VSV website interface. At the top, there is a navigation menu with links for 'Leerlijn', 'Brevetten', 'Projecten' (highlighted), 'Pakketten', 'Lesfiches', 'Nieuws', and 'Ouders'. Below this, a secondary menu includes 'HET GROTE VOETGANGERSEXAMEN', 'Stappenplan', 'Materiaal en downloads' (highlighted), 'Ondersteuning', 'Filmpjes', 'Inschrijven', and 'Inloggen'. The main content area features the heading 'MATERIAAL EN DOWNLOADS' and a list of items included in a free kit for signing up a class. To the right, there is a photograph of the kit's components, including a box labeled 'VOETGANGERS BREVET GOUD', a stack of blue folders labeled 'HET GROTE VOETGANGERS EXAMEN', a gold medal, and a certificate.

VSV
IEDEREEN MEE
VOOR VEILIG VERKEER

VERKEER OP SCHOOL
Basisonderwijs

Leerlijn Brevetten **Projecten** Pakketten Lesfiches Nieuws Ouders

HET GROTE VOETGANGERSEXAMEN Stappenplan **Materiaal en downloads** Ondersteuning Filmpjes Inschrijven Inloggen

Het grote voetgangersexamen →
MATERIAAL EN DOWNLOADS

Als je je klas inschrijft, ontvang je een gratis pakket met daarin:

- een klasposter
- 30 flyers voor de ouders
- 30 polsbandjes voor de leerlingen
- een handleiding (optioneel)
- 30 papieren Voetgangersbrevetten Goud (optioneel)

De oefenfiches voor de vijf basisvaardigheden zijn opgenomen in de handleiding, de controlefiches staan hieronder downloadbaar. De oefenfiches voor de extra vaardigheden kan je ook hieronder terugvinden, net zoals ander bruikbaar materiaal om het voetgangersexamen te organiseren:

VOETGANGERS BREVET GOUD
Het Grote Voetgangersexamen

HET GROTE VOETGANGERS EXAMEN
Wij do



QUESTIONS?

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