

**Warning:** you need

- a big **dictionary** of your language: **real paper book**. Internet cannot replace what you need.
- the same for (old) **books** from libraries about cultural treasures from your country.
- clothing for warm + cold weather. In Eastern Germany summer evenings require **warm jumpers**.

## Training Courses C2 & C4 2016-1-FR01-KA201-024256

### I. 18<sup>th</sup> May - 16<sup>th</sup> June

#### A) Get the bunch of keys you need to open new doors for teaching and learning:

15 courses in 30 days to acquire knowledge and making it a skill by using the brain's 'night shifts':

**The 3-days technique: 1<sup>st</sup> get informed, 2<sup>nd</sup> brows your experience, 3<sup>rd</sup> inform others.**

#### B) Create your tool-kit: 30 sound / image tool sets in your language.

**C) Immerse yourself in your own culture:** creating/organizing a broad collection of food, customs, proverbs, legends, legendary places/landscapes, songs typical for your country, which is ready to fuse and become a cultural emblem of your country.

#### The 15 courses:

### Biography in the Brain

1. Missed the train.

**Use it or loose it: the "critical periods" and the survival of neuronal cells.**

What brain cells need at which age and what happens, if they don't get it.

2. Boys will be boys

**Gender-specific equality: Chronological differences of the critical periods for boys and girls**

**Motor activity and dexterity: Gender competition or complementation**

What the boy's IQ needs

3. Where there is a will there is a way.

**Neuroplasticity: keeping pace with the current acceleration of cultural development**

What the brain can and cannot do.

### The Day Schedule of the Brain

4. Anxiety kills brain cells

**Modern civilisation versus "reptile brain": Physiology of Emotion and Reason.**

What protects neurons and builds new ones.

5. Happiness and learning are neuronally identical functions

**A novelty dedector sits at our 'reception desk': the hippocampus in the age of media culture.**

Why lessons have to be exciting.

6. Violence as screen entertainment

**'The pleasure of violence' and 'Pavlov's classical conditioning.**

How TV programmes can be a time bomb.

7. Grumbling makes you stupid

**Growth and atrophy in the brain: the impact of priming.**

How our criticism changes us.

8. Neither stick nor carrot

**Threat, promise or encouragement? Contrary effects of different incentives**

Why rewards score an own goal.

9. When to swot, when to watch TV

**Day schedule and the night shift of the brain.**

Why pleasure BEFORE work leads to success.

Since the invention of fMRI (functional Magnet Resonance Imaging, Nobel Price for Medicine 2003) the living brain can be observed without abusive intrusion. This resulted in the discovery, that numerous basic neurological beliefs of the 20<sup>th</sup> century have been the opposite of what actually happens under the skull. At the 5<sup>th</sup> World Symposium Decade of the Mind in 2009 in Berlin, scientists therefore called for direct transfer of their latest discoveries to the public: "Parents and teachers have to know that. Waiting for the ministries will be to late with regard to the challenges the digital age is facing us with. If we respect the functions of the brain, children would run to school in the morning and cry in the afternoon, if they are not allowed to stay any longer." Prof.Dr.Dr. Manfred Spitzer, Harvard and Oregon Professor and founder of the Transfer-Center for Neurology and Education, University Ulm, Germany.

## IT-Technics in the Brain

10. Feelings are ‚memory keys‘

**No cognition without emotion: the ‚varnish‘ saving information to the memory.**

Why actors would make the best teachers.

11. Blame drills mistakes

**Saving the error by reprimands: underlining mistakes or writing samples?**

How we should replace the „red pen“.

12. The beginning decides!

**Central or lateral storage?**

The self-perpetuous impact of our attitude on children’s later careers.

13. Bypasses for our ‚reptile brain‘

**How to inactivate the stress-modus.**

Helping each other.

14. Get your mind in order

**The Centre-Surround-Function or ‚Mexican-Hat-Effect‘**

Why the brain needs maps nbefore books.

15. Linkin up vocabulary: the efficiency of ‚decoding‘

**Foreign Language Acquisition. ‚Cabling up‘ or ‚programming‘ vocabulary?**

How foreign languages become one with the mother tongue.

## II. Internship at home 18<sup>th</sup>- 29<sup>th</sup> June:

**holiday activities for 3-10 year olds organized by the sending partner.**

**Learning from the target groups:**

**meeting, teaching, observing, concluding, reporting.**

## III. 1<sup>st</sup> July - 31<sup>th</sup> August

### 1. Exam

“Brain Education Consultant”

### 2. workshops

#### 2.1. Exploring and matching

- the ‚shape‘ of phonema,
  - the ‚speech‘ of shapes and
  - the ‚melody‘ of colours:
- bridging ear and eye.

#### 2.2. Co-researching : writer-illustrator-tandems.

#### 2.3. Inter-cultural, interdisciplinary and multi-technical exchange : individual presentations.

### 3. getting ready for the public

- Analysis of target-group relevant characteristic for: 3 – 6 year olds, 5 – 7 year olds 6 – 9 year olds:
- What are the requirements of a cultural emblem of your country for Tourists?
- Language decoding technique for early foreign language immersion by literacy.
- Ready for discussions with scientists : knowing the facts of Section 1 by heart.

### Premises: school and guest house, Grünwalder Str.2, DE-02994 Bernsdorf-Wiednitz

- accommodation & hospitality: single rooms, catering (incl.dietary requirements), 24/24 access to kitchen, fruit, drinks, snacks.
- artist studio.
- creative writing studio with internet.
- hall for social (evening) activities). Adjacent building: table-tennis, basket ball.
- laundry facilities, large garden, bikes, paths through nature reserves.

This is the historical end of the separation of Natural Sciences and Humanities: facts are putting an end to discussions about educational and social issues. Following their call we created together with schools 7 European countries the **Didactic-Pilot.eu** with support of the European Commission for Education and Culture under the heading : **Art: a basic human need! Neuro-didactic answers to increasing social challenges.** We know now that for our species art is as necessary as food, sleep and shelter. We do not decent from cultures without art. They did not survive.