**2009 : nouveaux programmes**

***Programme de 5ème "Habitat et ouvrages"***

|  |  |  |  |
| --- | --- | --- | --- |
| **Accès aux synthèses et évaluations** | répartition | synthèses | évaluations |
| 1 [L'environnement construit du collège](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cenviron-construit-colleg%5Cenv-cons-synthese.htm) | 4 séances en 2 séquences | [Tableau éléments et structures collége](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cenviron-construit-colleg%5Cenvir-const.jpg)[Tableau environnement immédiat](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cenviron-construit-colleg%5Cenvir-immediat.jpg) [Synthèse élève](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cenviron-construit-colleg%5Cenv-cons-synthese-eleve.htm)Environnement lointain  | [Plan légendé espace collége après visite](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cenviron-construit-colleg%5Cplan-colleg.jpg)[Croquis structures](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cenviron-construit-colleg%5Cenvir-const-elev.jpg) **La salle polyvalente** Travail élève 1Travail élève 2 Pont de paris1 pont paris2Caldea interieurCaldea passerelleRestaurant coll blanc Passerelle parc central2Pare-avalanche |
| 2 [des fonctions assurées par des ouvrages aux solutions techniques](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cfonc-assur-ouvrag%5Cfonc-assur-ouvrag-synthese.htm)  | 4 séances en 2 séquences |  |  |
| 3 [Stabilité d'une structure](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Cstab-struc-tp-investig-synthese.htm) | 7 séances en 3 séquences | Matériaux et structuresTP 1 à 3 .[Elève](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Csynthes-elev-tp1-3.htm) [**générale**](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Csynthes-general-tp1-3.htm)Architecture et structuresTP 4 à 6[Doc synthèse blanc](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Csynthes-tp-4-6-base.htm)[(document word)](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Csynthes-tp-4-6-base.doc)Synthèses élèves2010[5a](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2010%5Ctp4-6-5a.gif) [5b](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2010%5Ctp4-6-5b.gif) [5d](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2010%5Ctp4-6-5d.gif) [5g](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2010%5Ctp4-6-5g.gif) ….2011[5a](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2011%5C5a-2011.jpg) [5c](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2011%5C5c-2011.jpg) [5d](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2011%5C5D-2011.jpg) [5h](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2011%5C5H-2011.jpg) [5i](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2011%5C5I-2011.jpg) 2012[5a](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2012%5C5a-2012.jpg) 5'e [5G](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2012%5C5g-2012.jpg) [5i](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2012%5C5i-2012.jpg) [5b](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2012%5C5b-2012.jpg) [5d](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2012%5C5d-2012.jpg) 2014[5a](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsite-2013-2014%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2014%5Ctp-456-5a-2014.jpg) [5e](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsite-2013-2014%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2014%5Ctp-456-5e-2014.jpg) [5g](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsite-2013-2014%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2014%5Ctp-456-5g-2014.jpg) [5h](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsite-2013-2014%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2014%5Ctp-4-6-5h-2014.jpg) 2016[5a](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-4-6-2016%5C5a-2016.jpg) [5c](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-4-6-2016%5C5c-2016.jpg) [5e](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-4-6-2016%5C5e-2016.jpg) [5](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-4-6-2016%5C5h-2016.jpg)h 2017[5a](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2017%5C5a-2017.pdf) [5f](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2017%5C5f-2017.pdf) [5g](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2017%5C5g-2017.pdf)2018[5F](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2018%5C5f-2018.pdf) [5G](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2018%5C5g-2018.bmp) [5H](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2018%5C5h-2018.pdf) [5I](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2018%5C5i-2018.bmp) Synthése générale | **TP 1 à 3** :[Voir les photos](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Cphotos-investig-5-tp123%5Cindex.htm) **TP 4 à 6** :2010 : [photos](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Cphotos-investig-5-tp456-2010%5Cindex.htm) [diaporama](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Cphotos-investig-5-tp456-2010%5CDiaporama.exe)2011[Photos](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Cphotos-investig-tp456-2011%5Cindex.htm)[diaporama](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Cphotos-investig-tp456-2011%5CDiaporama.exe)2012[Photos](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2012%5Cphotos%5Cindex.htm)[diaporama](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2012%5Cphotos%5CDiaporama.exe)2014[Photos](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsite-2013-2014%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2014%5Ctp456-maq-2014%5Cindex.html)[diaporama](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsite-2013-2014%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2014%5Ctp456-maq-2014%5CDiaporama.exe)2016[Photos](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-4-6-2016%5Cindex.html) [diaporama](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-4-6-2016%5CDiaporama.exe)2017[Photos](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-4-6-2017%5Cindex.html)[diaporama](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-4-6-2017%5CDiaporama.exe)[photos](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2018%5Ctp-4-6-2018%5Cindex.html)[diaporama](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cstab-struct-tp-investig%5Ctp-456-2018%5Ctp-4-6-2018%5CDiaporama.exe)  |
| 4 [Réalisation d'une maquette structurelle](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Creali-maquet-struct%5Creali-maquet-struct-synthese.htm) | 9 séances en 3 séquences |  2018Croquis [5G](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Crea-maq-struc%5C2018%5Ccroquis%5C5g-2018%20001.bmp) - [5h](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Crea-maq-struc%5C2018%5Ccroquis%5C5h-2018%20001.bmp) - [5I](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Crea-maq-struc%5C2018%5Ccroquis%5C5i-2018%20001.bmp) [5F](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Crea-maq-struc%5C2018%5Ccroquis%5C5F-2018%20001.bmp) | Photos[Photos](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Crea-maq-struc%5C2018%5Cphotos%5Cindex.html) [diaporama](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Crea-maq-struc%5C2018%5Cphotos%5CDiaporama.exe) |
| 5 [Organisation fonctionnelle](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Corgani-fonctio%5Corgani-fonctio-synthese.htm) | 4 séances en 2 séquences |  |  |
| 6 [Agencement aménagement](file:///C%3A%5CUsers%5Cuser%5CDocuments%5Cword%5Csitealain%5Calainsitedornet%5Csitetechnolyceecnia%5Csite-nx-progs%5C5%5Csyntheses%5Cagenc-amenag%5Cagenc-amenag-synthese.htm) | 7 séances en 3 séquences |  |  |
| **Total : 35** séances |  |  |